

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Access DB# 1059827

(33)

Requester's Full Name: Kirangan Choksi Examiner #: 7085 73 Date: 10-10-2003  
Art Unit: 36268 Phone Number 305 605 4441 Serial Number: 09/141351504  
Mail Box and Bldg/Room Location: 711 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Bifidoforumatus transactive lysosomal  
Inventors (please provide full names): Fernandez Dennis Siyga

Earliest Priority Filing Date: 71/1611999

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Refers to # 18 115550  
See attached.

\*\*\*\*\*  
**STAFF USE ONLY**

Searcher: Marguerite Miller

Searcher Phone #: 305 555 7744

Searcher Location: 15130000

Date Searcher Picked Up: 10-7-03

Date Completed: 10-10-03

Searcher Prep & Review Time: 450

Clerical Prep Time:

Online Time: 230

Type of Search

NA Sequence (#)

STN

AA Sequence (#)

Dialog \$4750.00

Structure (#)

Questel/Orbit

Bibliographic

Dr. Link

Ligation

Lexis/Nexis

Fulltext

Sequence Systems

Patent Family

WWW/Internet

Other

Other (specify)

*33*

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: *Richard M. Miller* Examiner #: *16573* Date: *10-16-03*  
 Art Unit: *500* Phone Number 30 *6054441* Serial Number: *1091413515761*  
 Mail Box and Bldg/Rm Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

---

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: *Distribution stage focusing scheme*

Inventors (please provide full names): *Fernandez, Richard Miller*

Earliest Priority Filing Date: *11/10/1989*

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

---

STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher <i>Richard M. Miller</i>	NA Sequence (#)	STN _____
Searcher Phone # <i>(315) 577-7211</i>	AA Sequence (#)	Dialog <i>\$7.50/min</i>
Searcher Location <i>1903 Bldg C</i>	Structure (#)	Questel/Orbit _____
Date Searcher Picked Up: <i>10-16-2003</i>	Bibliographic	Dr. Link _____
Date Completed: <i>10-16-2003</i>	Litigation	Lexis/Nexis _____
Searcher Prep & Review Time: <i>60</i>	Fulltext	Sequence Systems _____
Clerical Prep Time:	Patent Family	WWW/Internet _____
Online Time: <i>180</i>	Other	Other (specify) _____



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 105787

**TO:** Robert W Morgan  
**Location:** PK5 7B03  
**Art Unit :** 3626  
**Tuesday, October 14, 2003**

**Case Serial Number:** 09/435504

**From:** Ginger Roberts DeMille  
**Location:** EIC 3600  
**PK5-Suite 804**  
**Phone:** 305-5774

**Ginger.roberts@uspto.gov**

### Search Notes

Dear Examiner Morgan:

Please find attached the results of your search for 09/435504.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet, STN

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger

366913



Search Report from Ginger R. DeMille

```
? b hits
 10oct03 14:27:03 User249839 Session D5168.7
    $17.16   8.578 DialUnits File411
$17.16 Estimated cost File411
$1.40 TELNET
$18.56 Estimated cost this search
$20.15 Estimated total session cost   8.711 DialUnits
```

SYSTEM:OS - DIALOG OneSearch  
File 340:CLAIMS(R)/US Patent 1950-03/Oct 07  
(c) 2003 IFI/CLAIMS(R)

\*File 340: The Claims U.S. Patent databases have been reloaded.  
HELP NEWS340 & HELP ALERTS340 for search, display & Alert info.

File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002  
(c) 2003 WIPO/Univentio

File 654:US Pat.Full. 1976-2003/Oct 09  
(c) Format only 2003 The Dialog Corp.

\*File 654: US published applications now online. See HELP NEWS 654  
for details. Reassignments current through August 4, 2003.

Set	Items	Description
---	-----	-----

```
? exstd154
>>>SET HIGHLIGHT: use ON, OFF, or 1-5 characters
Processing
       6223 BIOMETRIC
     893031 SAMPLE? ?
    124836 GENETIC
    151273 NUCLEOTIDE
    195095 DNA
   123051 RNA
S1      4 BIOMETRIC()SAMPLE? ?(6N) (GENETIC OR NUCLEOTIDE OR DNA OR
RNA)
```

```
? rd
>>>Duplicate detection is not supported for File 340.
>>>Duplicate detection is not supported for File 349.
>>>Duplicate detection is not supported for File 654.
>>>All specified files are unsupported, command ignored.
? t1/3,k/all
```

1/3,K/1 (Item 1 from file: 340)
DIALOG(R)File 340:CLAIMS(R)/US Patent
(c) 2003 IFI/CLAIMS(R): All rts. reserv.

10139693 2002-0083320
**E/METHOD AND SYSTEM FOR APPLICATION OF A SAFETY MARKING**
Inventors: Vatanen Harri (GB)
Assignee: Unassigned Or Assigned To Individual
Assignee Code: 68000

Priority Applic:	Publication		Application	
	Kind	Number	Date	Number
-----	-----	-----	-----	-----
A1 US 20020083320	20020627	US 2001835668	20010416	
		FI 982232	19981014	
		WO 99FI851	19991014	

Non-exemplary Claims: ...4. A method in accordance with claim 3, wherein  
the **biometric sample** comprises **DNA** code in a predetermined form of

Search Report from Ginger R. DeMille

the owner of the safety marking...

1/3,K/2 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00807452 \*\*Image available\*\*

**METHODS, SYSTEMS, AND APPARATUSES FOR SECURE INTERACTIONS  
PROCEDES, SYSTEMES ET APPAREILS POUR INTERACTIONS SECURISEES**

Patent Applicant/Inventor:

RUSSELL David, 500 Russell Street, Portsmouth, VA 23707, US, US  
(Residence), US (Nationality)

JOHNSON Barry, 351 McCormick Road, P.O. Box 400743, Charlottesville, VA  
22904-4743, US, US (Residence), US (Nationality)

PETKA David, -, US, US (Residence), US (Nationality)

SINGER Bart A, 132 Hunter Lane, Williamsburg, VA 23185, US, US  
(Residence), US (Nationality)

Legal Representative:

RUSSELL David (commercial rep.), c/o Transforming Technologies, 500  
Russell Street, Portsmouth, VA 23707, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200141032 A1 20010607 (WO 0141032)

Application: WO 2000US42323 20001129 (PCT/WO US0042323)

Priority Application: US 99168082 19991130

Designated States: AE AT AU BR BZ CA CH CN CU DE DK ES FI GB IL IN JP KR MA  
MX NO RU SE SG UA US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 31954

Fulltext Availability:

Claims

Claim

... method for discounting a deliverable that has a price, according to  
claim

2 wherein the **biometric sample** is **DNA** data.

9 A method for discounting a deliverable that has a price, according to  
claim...

...method for discounting a deliverable that has a price, according to  
claim

9 wherein the **biometric sample** is **DNA** data.

18 A method for discounting a deliverable that has a price, according to  
claim...which a payer conveys a payment to a payee, according to  
claim 75, wherein the **biometric sample** is **DNA** data.

83 A method by which a payer conveys a payment to a payee, according...

1/3,K/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00559396 \*\*Image available\*\*

Search Report from Ginger R. DeMille

**METHOD AND SYSTEM FOR THE APPLICATION OF A SAFETY MARKING  
PROCEDE ET APPAREIL DE MISE EN PLACE D'UN MARQUAGE DE SECURITE**  
Patent Applicant/Assignee:

SONERA OYJ,  
VATANEN Harri,  
Inventor(s):

VATANEN Harri,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200022769 A1 20000420 (WO 0022769)  
Application: WO 99FI1851 19991014 (PCT/WO FI9900851)  
Priority Application: FI 982232 19981014

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM  
AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 4165

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... personal data preferably comprise a  
biometric sample of the owner of the safety marking.

The **biometric sample** may be the **DNA** code, which is  
stored in the safety marking in a predetermined form.

The biometric sample...

Claim

... 4 Method as defined in any one of claims 1  
3f characterized in that the **biometric sample**  
comprises the **DNA** code of the owner of the safety  
marking in a predetermined form. S. Method as...

**1/3,K/4 (Item 1 from file: 654)**

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

0005028638 \*\*IMAGE Available

Derwent Accession: 2000-364724

**Method and system for application of a safety marking**

Inventor: Harri Vatanen, INV

Correspondence Address: COHEN, PONTANI, LIEBERMAN & PAVANE, Suite 1210 551  
Fifth Avenue, New York, NY, 10176, US

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 20020083320	A1	20020627	US 2001835668	20010416
Priority				FI 982232	19981014
				WO 99FI1851	19991014

Fulltext Word Count: 5032

Summary of the Invention:

Search Report from Ginger R. DeMille

...of the invention, comprise a biometric sample of the owner of the safety marking. The **biometric sample** may be the user's **DNA** code which is stored in the safety marking in a predetermined form, and may additionally...

Non-exemplary or Dependent Claim(s):

...4. A method in accordance with claim 3, wherein the **biometric sample** comprises **DNA** code in a predetermined form of the owner of the safety marking

?

?show files;ds  
File 349:PCT FULLTEXT 1979-2002/UB=20031002,UT=20030925  
    (c) 2003 WIPO/Univentio  
File 710:Times/Sun.Times(London) Jun 1988-2003/Oct 09  
    (c) 2003 Times Newspapers  
File 993:NewsRoom 2002/  
    (c) 2003 The Dialog Corporation

Set	Items	Description
S1	3	(BIOMETRIC OR BIO()METRIC OR FINGERPRINT OR FINGER()PRINT - OR PALMPRINT OR EYE OR IRIS OR RETINA?) (2W) (SCAN? ? OR SAMPLE? ? OR IMAGE? ?) (5N) (COMBINE? OR COMBINING OR INTEGRATE? OR IN- TEGRATING OR CONJOIN?) (5N) (DNA OR NUCLEOTID? OR GENE? ?)
S2	3	RD (unique items)
?		

?t2/3,k/all

2/3,K/1 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00953597

APPARATUS AND METHODS FOR A UNITED STATES POSTAL SERVICE SMART CARD SYSTEM  
APPAREIL ET PROCEDES DESTINES A UN SYSTEME DE CARTES INTELLIGENTES DU  
SERVICE POSTAL DES ETATS-UNIS

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Washington, DC  
20260-1135, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

FEINMAN Jason S, 913 Kenbrook Drive, Silver Spring, MD, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GARRET Arthur S (agent), Finnegan, Henderson, Farabow, Garrett & Dunner,  
L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200286665 A2 20021031 (WO 0286665)

Application: WO 2002US12226 20020418 (PCT/WO US0212226)

Priority Application: US 2001284200 20010418

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3135

Fulltext Availability:

Detailed Description

Detailed Description

... coin, a ring, or even a baggage label. Smart card 1 00 may also be  
\*integrated\* with biometric apparatus to use \*DNA\*, fingerprints,  
\*retinal\* \*eye\* \*scans\*, or voice prints to facilitate authorization by  
use of a spoken word or the touch...

2/3,K/2 (Item 1 from file: 710)  
DIALOG(R) File 710:Times/Sun.Times(London)  
(c) 2003 Times Newspapers. All rts. reserv.

15320113

CASE FOR DNA DATABASE;LETTER /BY

Times of London (TL) - Saturday, November 16, 2002

Section: Features Page: 29

Word Count: 132

... Gordon McIntosh (letter, November 5) advances the argument for the  
universal adoption of the best \*biometric\*, the \*DNA\* \*sample\*. The sooner  
the unique NHS number and the unique \*DNA\* sample are \*conjoined\*, the  
earlier we will have a foolproof method of identification throughout life.

Yours faithfully,

REG...

2/3,K/3 (Item 1 from file: 993)  
DIALOG(R) File 993:NewsRoom 2002/  
(c) 2003 The Dialog Corporation. All rts. reserv.

0544008116 160007XM

**Case for DNA database;Letter**

Times (London, UK), p29

Saturday, November 16, 2002

JOURNAL CODE: ADUA LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper ISSN: 0140-0460

WORD COUNT: 137

...Gordon McIntosh (letter, November 5) advances the argument for the universal adoption of the best \*biometric\*, the \*DNA\* \*sample\*. The sooner the unique NHS number and the unique \*DNA\* sample are \*conjoined\*, the earlier we will have a foolproof method of identification throughout life.

Yours faithfully,

?b 411

```
10oct03 12:11:43 User274824 Session D68.1
    $0.00    0.153 DialUnits FileHomeBase
$0.00  Estimated cost FileHomeBase
$0.46  TELNET
$0.46  Estimated cost this search
$0.46  Estimated total session cost  0.153 DialUnits
```

File 411:DIALINDEX(R)

DIALINDEX(R)
(c) 2003 The Dialog Corporation plc

\*\*\* DIALINDEX search results display in an abbreviated \*\*\*
\*\*\* format unless you enter the SET DETAIL ON command. \*\*\*

?sf all

You have 552 files in your file list.

(To see banners, use SHOW FILES command)

?s (biometric or bio()metric or fingerprint or finger()print or palmprint or eye or iris
or retina?) (2w) (scan? ? or sample? ? or image? ?) (5n) (combine? or combining or integrat
e? or integrating or conjoin?) (5n) (dna or nucleotid? or gene? ?)

Your SELECT statement is:

```
s (biometric or bio()metric or fingerprint or finger()print or palmprint
or eye or iris or retina?) (2w) (scan? ? or sample? ? or image?
?) (5n) (combine? or combining or integrate? or integrating or
conjoin?) (5n) (dna or nucleotid? or gene? ?)
```

Items	File
-----	-----
Examined	50 files
Examined	100 files
Examined	150 files
Examined	200 files
1	349: PCT FULLTEXT_1979-2002/UB=20031002,UT=20030925
Examined	250 files
Examined	300 files
Examined	350 files
Examined	400 files

Processing

Processing

Examined	450 files
1	710: Times/Sun.Times(London) _Jun 1988-2003/Oct 09
Examined	500 files
1	993: NewsRoom 2002/
Examined	550 files

3 files have one or more items; file list includes 552 files.

One or more terms were invalid in one file.

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES

?save temp

Temp SearchSave "TD004" stored

?b hits;exstd004

```
10oct03 12:36:25 User274824 Session D68.2
    $59.19    29.593 DialUnits File411
$59.19  Estimated cost File411
$5.82  TELNET
$65.01  Estimated cost this search
$65.47  Estimated total session cost  29.746 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

File 349:PCT FULLTEXT 1979-2002/UB=20031002,UT=20030925

(c) 2003 WIPO/Univentio

File 710:Times/Sun.Times(London) Jun 1988-2003/Oct 09

(c) 2003 Times Newspapers

Set Items Description  
-----  
HIGHLIGHT set on as '\*'  
Processing  
6451 BIOMETRIC  
73289 BIO  
40604 METRIC  
128 BIO(W) METRIC  
13305 FINGERPRINT  
106651 FINGER  
165620 PRINT  
861 FINGER(W) PRINT  
50 PALMPRIINT  
354158 EYE  
25306 IRIS  
16034 RETINA?  
105142 SCAN? ?  
345019 SAMPLE? ?  
490945 IMAGE? ?  
713984 COMBINE?  
126636 COMBINING  
372927 INTEGRATE?  
54309 INTEGRATING  
18869 CONJOIN?  
120388 DNA  
58844 NUCLEOTID?  
181218 GENE? ?  
S1 3 (BIOMETRIC OR BIO()METRIC OR FINGERPRINT OR FINGER()PRINT  
OR PALMPRIINT OR EYE OR IRIS OR RETINA?) (2W) (SCAN? ? OR  
SAMPLE? ? OR IMAGE? ?) (5N) (COMBINE? OR COMBINING OR  
INTEGRATE? OR INTEGRATING OR CONJOIN?) (5N) (DNA OR  
NUCLEOTID? OR GENE? ?)

?rd

>>>Duplicate detection is not supported for File 349.

>>>Records from unsupported files will be retained in the RD set.

...completed examining records

S2 3 RD (unique items)

?t2/3,k/all

2/3,K/1 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00953597

APPARATUS AND METHODS FOR A UNITED STATES POSTAL SERVICE SMART CARD SYSTEM  
APPAREIL ET PROCEDES DESTINES A UN SYSTEME DE CARTES INTELLIGENTES DU  
SERVICE POSTAL DES ETATS-UNIS

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Washington, DC  
20260-1135, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

FEINMAN Jason S, 913 Kenbrook Drive, Silver Spring, MD, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GARRET Arthur S (agent), Finnegan, Henderson, Farabow, Garrett & Dunner,  
L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200286665 A2 20021031 (WO 0286665)

Application: WO 2002US12226 20020418 (PCT/WO US0212226)

Priority Application: US 2001284200 20010418

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3135

Fulltext Availability:

Detailed Description

Detailed Description

... coin, a ring, or even a baggage label. Smart card 1 00 may also be \*integrated\* with biometric apparatus to use \*DNA\*, fingerprints, \*retinal\* \*eye\* \*scans\*, or voice prints to facilitate authorization by use of a spoken word or the touch...

2/3,K/2 (Item 1 from file: 710)

DIALOG(R)File 710:Times/Sun.Times(London)

(c) 2003 Times Newspapers. All rts. reserv.

15320113

CASE FOR DNA DATABASE;LETTER /BY

Times of London (TL) - Saturday, November 16, 2002

Section: Features Page: 29

Word Count: 132

... Gordon McIntosh (letter, November 5) advances the argument for the universal adoption of the best \*biometric\*, the \*DNA\* \*sample\*. The sooner the unique NHS number and the unique \*DNA\* sample are \*conjoined\*, the earlier we will have a foolproof method of identification throughout life.

Yours faithfully,

REG...

2/3,K/3 (Item 1 from file: 993)

DIALOG(R)File 993:NewsRoom 2002/

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0544008116 160007XM

Case for DNA database;Letter

Times (London, UK), p29

Saturday, November 16, 2002

JOURNAL CODE: ADUA LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newspaper ISSN: 0140-0460

WORD COUNT: 137

...Gordon McIntosh (letter, November 5) advances the argument for the universal adoption of the best \*biometric\*, the \*DNA\* \*sample\*. The sooner the unique NHS number and the unique \*DNA\* sample are \*conjoined\*, the earlier we will have a foolproof method of identification throughout life.

Yours faithfully,

REG...

?show files;ds

File 349:PCT FULLTEXT 1979-2002/UB=20031002,UT=20030925

(c) 2003 WIPO/Univentio

File 710:Times/Sun.Times(London) Jun 1988-2003/Oct 09

(c) 2003 Times Newspapers

File 993:NewsRoom 2002/

(c) 2003 The Dialog Corporation

Set Items Description

S1 3 (BIOMETRIC OR BIO()METRIC OR FINGERPRINT OR FINGER()PRINT -  
OR PALMPRINT OR EYE OR IRIS OR RETINA?) (2W) (SCAN? ? OR SAMPLE?  
? OR IMAGE? ?) (5N) (COMBINE? OR COMBINING OR INTEGRATE? OR IN-

TEGRATING OR CONJOIN?) (5N) (DNA OR NUCLEOTID? OR GENE? ?)  
S2       3   RD (unique items)

?ds

Set       Items   Description  
S1       3   (BIOMETRIC OR BIO()METRIC OR FINGERPRINT OR FINGER()PRINT -  
          OR PALMPRINT OR EYE OR IRIS OR RETINA?) (2W) (SCAN? ? OR SAMPLE?  
          ? OR IMAGE? ?) (5N) (COMBINE? OR COMBINING OR INTEGRATE? OR IN-  
          TEGRATING OR CONJOIN?) (5N) (DNA OR NUCLEOTID? OR GENE? ?)

S2       3   RD (unique items)

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES

?b 411

10oct03 12:45:34 User274824 Session D68.3  
\$4.24   0.894 DialUnits File349  
      \$1.60 1 Type(s) in Format 3  
      \$1.60 1 Types  
\$5.84   Estimated cost File349  
      \$0.08  0.078 DialUnits File710  
      \$1.30 1 Type(s) in Format 3  
      \$1.30 1 Types  
\$1.38   Estimated cost File710  
      \$1.13  0.266 DialUnits File993  
      \$1.45 1 Type(s) in Format 3  
      \$1.45 1 Types  
\$2.58   Estimated cost File993  
OneSearch, 3 files, 1.237 DialUnits FileOS  
\$2.32   TELNET  
\$12.12   Estimated cost this search  
\$77.59   Estimated total session cost 30.983 DialUnits

File 411:DIALINDEX(R)

DIALINDEX(R)

(c) 2003 The Dialog Corporation plc

\*\*\* DIALINDEX search results display in an abbreviated \*\*\*  
\*\*\* format unless you enter the SET DETAIL ON command. \*\*\*

?sf all

You have 552 files in your file list.

(To see banners, use SHOW FILES command)

?s sample(2w) (biometric or bio()metric) (5n) (integrat? or combin? or conjoin? or interlik?  
? or encapsulat?) (5n) (gene? ? or dna or nucleotide?)

Your SELECT statement is:

s sample(2w) (biometric or bio()metric) (5n) (integrat? or combin? or  
conjoin? or interlik? or encapsulat?) (5n) (gene? ? or dna or nucleotide?)

Items	File
Examined	50 files
Examined	100 files
Examined	150 files
Examined	200 files
Examined	250 files
Examined	300 files
Examined	350 files
Examined	400 files

Processing

Examined	450 files
Examined	500 files
Examined	550 files

No files have one or more items; file list includes 552 files.

One or more terms were invalid in one file.

?sf all

You have 552 files in your file list.

(To see banners, use SHOW FILES command)

?s (scan? or file) (2w) (biometric or bio()metric) (5n) (integrat? or combin? or conjoin? or interlink? or encapsulat?) (5n) (gene? ? or genetic or dna or nucleotic)

Your SELECT statement is:

s (scan? or file) (2w) (biometric or bio()metric) (5n) (integrat? or combin?  
or conjoin? or interlink? or encapsulat?) (5n) (gene? ? or genetic or dna or  
nucleotic)

Items	File
Examed	50 files
Examed	100 files
Examed	150 files
Examed	200 files
Examed	250 files
Examed	300 files
Examed	350 files
Examed	400 files

Processing

Examed	450 files
Examed	500 files
Examed	550 files

No files have one or more items; file list includes 552 files.  
One or more terms were invalid in 4 files.

?

Search Report from Ginger R. DeMille

? show files  
File 16:Gale Group PROMT(R) 1990-2003/Oct 10  
(c) 2003 The Gale Group  
File 20:Dialog Global Reporter 1997-2003/Oct 10  
(c) 2003 The Dialog Corp.  
File 21:NCJRS 1972-2003/Sep  
(c) format only 2003 The Dialog Corporation  
File 88:Gale Group Business A.R.T.S. 1976-2003/Oct 10  
(c) 2003 The Gale Group  
File 115:Research Centers & Services 1994-2003/Sep  
(c) 2003 Gale Research Inc.  
File 148:Gale Group Trade & Industry DB 1976-2003/Oct 10  
(c) 2003 The Gale Group  
File 149:TGG Health&Wellness DB(SM) 1976-2003/Sep W3  
(c) 2003 The Gale Group  
File 340:CLAIMS(R)/US Patent 1950-03/Oct 07  
(c) 2003 IFI/CLAIMS(R)  
File 348:EUROPEAN PATENTS 1978-2003/Oct W01  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031009, UT=20031002  
(c) 2003 WIPO/Univentio  
File 484:Periodical Abs Plustext 1986-2003/Sep W4  
(c) 2003 ProQuest  
File 532:Bangor Daily News 1996-2003/Oct 10  
(c) 2003 Bangor Daily News  
File 587:Jane's Defense&Aerospace 2003/Oct W1  
(c) 2003 Jane's Information Group  
File 619:Asia Intelligence Wire 1995-2003/Oct 09  
(c) 2003 Fin. Times Ltd  
File 638:Newsday/New York Newsday 1987-2003/Oct 10  
(c) 2003 Newsday Inc.  
File 641:Rocky Mountain News Jun 1989-2003/Oct 09  
(c) 2003 Scripps Howard News  
File 654:US Pat.Full. 1976-2003/Oct 09  
(c) Format only 2003 The Dialog Corp.  
File 702:Miami Herald 1983-2003/Oct 09  
(c) 2003 The Miami Herald Publishing Co.  
File 704:(Portland)The Oregonian 1989-2003/Oct 09  
(c) 2003 The Oregonian  
File 710:Times/Sun.Times(London) Jun 1988-2003/Oct 09  
(c) 2003 Times Newspapers  
File 719:(Albany) The Times Union Mar 1986-2003/Oct 09  
(c) 2003 Times Union  
File 721:Lexington Hrld.-Ldr. 1990-2003/Oct 08  
(c) 2003 Lexington Herald-Leader  
File 727:Canadian Newspapers 1990-2003/Oct 10  
(c) 2003 Southam Inc.  
File 736:Seattle Post-Int. 1990-2003/Oct 09  
(c) 2003 Seattle Post-Intelligencer  
File 748:Asia/Pac Bus. Jrnls 1994-2003/Oct 06  
(c) 2003 The Dialog Corporation  
File 756:Daily/Sunday Telegraph 2000-2003/Oct 10  
(c) 2003 Telegraph Group  
File 757:Mirror Publications/Independent Newspapers 2000-2003/Oct 10  
(c) 2003  
File 781:ProQuest Newsstand 1998-2003/Oct 10  
(c) 2003 ProQuest Info&Learning  
File 992:NewsRoom 2003/Jan-May  
(c) 2003 The Dialog Corporation  
File 993:NewsRoom 2002/  
(c) 2003 The Dialog Corporation

Search Report from Ginger R. DeMille

File 994:NewsRoom 2001

(c) 2003 The Dialog Corporation

File 995:NewsRoom 2000

(c) 2003 The Dialog Corporation

? ds

Set        Items      Description

S1        187      (BIOMETRIC OR BIO()METRIC OR HANDPRINT OR FINGERPRINT? ? OR  
                  IRIS OR EYE) (2N) (CONTAIN? ? OR CONTAINING) (2N) (SAMPLE? ? OR -  
                  SCAN OR FILE OR DISK) (6N) (DNA OR NUCLEOTIDE? ? OR SEQUENCE OR  
                  GENE? ?)

S2        163      RD (unique items)

Search Report from Ginger R. DeMille

? show files  
File 340:CLAIMS(R)/US Patent 1950-03/Oct 07  
(c) 2003 IFI/CLAIMS(R)  
File 348:EUROPEAN PATENTS 1978-2003/Oct W01  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031009, UT=20031002  
(c) 2003 WIPO/Univentio  
File 351:Derwent WPI 1963-2003/UD, UM &UP=200365  
(c) 2003 Thomson Derwent  
File 654:US Pat.Full. 1976-2003/Oct 09  
(c) Format only 2003 The Dialog Corp.  
? ds

Set Items Description  
S1 16 (BIOMETRIC OR BIO()METRIC) (2W)SAMPLE? ?(6N) (DNA OR VOICE OR  
GENES OR NUCLEOTIDE? ? OR SEQUENCE()DATA OR RNA) NOT PY>1999  
? t1/3,k/all

**1/3,K/1 (Item 1 from file: 340)**  
DIALOG(R) File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3110267 3936745

**E/TOKENLESS BIOMETRIC TRANSACTION AUTHORIZATION METHOD AND SYSTEM;**  
Authorization for transactions using PIN and biometric identifier; user  
registers PIN and identifier with trusted central authority; central  
authority authenticates identity of buyer and processes payment;  
acknowledgment code provides security to buyer  
Inventors: Hoffman Ned (US); Lee Jonathan Alexander (US); Pare David Ferrin  
Jr (US)  
Assignee: Unassigned Or Assigned To Individual  
Assignee Code: 68000 (**REASSIGNED - See file 123 for details**)

Kind	Publication		Application	
	Number	Date	Number	Date
A	US 5870723	19990209	US 96705399	19960829
(Cited in 008 later patents)				
Cont.-in-part of:	US 5615217		US 94345523	19941128
	US 5613012		US 95442895	19950517
Priority Applic:			US 96705399	19960829
			US 94345523	19941128
			US 95442895	19950517

Calculated Expiration: 20141128

Non-exemplary Claims: ...11. The method of claim 1 wherein the **biometric sample** is a **voice** print...44. The device of claim 34 wherein the **biometric sample** is a **voice** print...

**1/3,K/2 (Item 2 from file: 340)**  
DIALOG(R) File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

2826160 3718798

**E/TOKENLESS SECURITY SYSTEM FOR AUTHORIZING ACCESS TO A SECURED COMPUTER SYSTEM**

Inventors: Hoffman Ned (US)  
Assignee: Unassigned Or Assigned To Individual

Search Report from Ginger R. DeMille

Assignee Code: 68000 (**REASSIGNED - See file 123 for details**)

Kind	Publication Number	Date	Application Number	Date
A	US 5615277	19970325	US 94345523	19941128
(Cited in 025 later patents)				
Priority Applic:			US 94345523	19941128

Calculated Expiration: 20141128

Abstract: ...The security system and method are principally based on a correlative comparison of a unique **biometric sample**, such as a finger print or **voice** recording, gathered directly from the person of an unknown user with an authenticated unique biometric...

**1/3,K/3 (Item 1 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01089376

System and method of biometric smart card user authentication

System und Verfahren zur biometrischen Authentifizierung eines Benutzers mit einer Chipkarte

Système et méthode d'authentification biométrique d'un utilisateur à l'aide d'une carte à puce

PATENT ASSIGNEE:

Citicorp Development Center, (2691930), 12731 W. Jefferson Boulevard, Los Angeles, CA 90066, (US), (Applicant designated States: all)

INVENTOR:

Shinn, Philip C.,, 8943 W. 24th Street, Los Angeles, California 90034, (US)

LEGAL REPRESENTATIVE:

Johansson, Lars E. et al (23214), Hynell Patentjanst AB Patron Carls Vag 2, 683 40 Hagfors/Uddeholm, (SE)

PATENT (CC, No, Kind, Date): EP 956818 A1 991117 (Basic)

APPLICATION (CC, No, Date): EP 99201446 990510;

PRIORITY (CC, No, Date): US 84922 P 980511

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-005/117; G06K-009/00

ABSTRACT WORD COUNT: 175

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9946	1320
SPEC A	(English)	9946	5457
Total word count - document A			6777
Total word count - document B			0
Total word count - documents A + B			6777

...CLAIMS biometric sample further comprises presenting at least one biometric sample selected from a group of **biometric samples** consisting of **voice** print, photograph, signature, fingerprint, hand geometry, retinal image, and iris scan.

Search Report from Ginger R. DeMille

19. The method of...

**1/3,K/4 (Item 1 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00524898 \*\*Image available\*\*

**METHOD OF PROVIDING SECURE USER ACCESS**  
**PROCEDE FOURNISANT UN ACCES SECURISE AUX UTILISATEURS**

Patent Applicant/Assignee:

DEW ENGINEERING AND DEVELOPMENT LIMITED,  
HAMID Laurence,  
HILLHOUSE Robert D,

Inventor(s):

HAMID Laurence,  
HILLHOUSE Robert D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9956250 A1 19991104

Application: WO 99CA370 19990423 (PCT/WO CA9900370)

Priority Application: US 9865523 19980424

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG US UZ VN YU ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 11176

Fulltext Availability:

Detailed Description

Detailed Description

... information sample alone is then used to identify the individual uniquely. Using a plurality of **biometric** information **samples** from different sources - index finger, thumb, **voice**, retina, etc. - also provides a method of reducing false acceptance rates for each user 1... biometric information sources are provided. These samples are in the form of fingerprints, palm prints, **voice** samples, retinal scans, or other **biometric** information **samples**.

Requiring an individual to enter biometric information samples from at least two biometric information sources...

**1/3,K/5 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00507958 \*\*Image available\*\*

**BIOMETRIC AUTHENTICATION SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE D'AUTHENTIFICATION BIOMETRIQUE**

Patent Applicant/Assignee:

PHELPS Barry C,  
REDDI Seenu S,

Inventor(s):

PHELPS Barry C,  
REDDI Seenu S,

Patent and Priority Information (Country, Number, Date):

Search Report from Ginger R. DeMille

Patent: WO 9939310 A1 19990805  
Application: WO 99US1727 19990128 (PCT/WO US9901727)  
Priority Application: US 9873166 19980130  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 5830  
Fulltext Availability:  
Detailed Description

Detailed Description  
... of, for example, voice print biometrics, a feature set is a parametric representation of the **biometric voice sample**, such as filter coefficients in a linear predictive coding approach. See, for example, Davis and...

1/3,K/6 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00447055 \*\*Image available\*\*  
**METHOD OF GATHERING BIOMETRIC INFORMATION**  
**TECHNIQUE DE RASSEMBLEMENT D'INFORMATIONS BIOMÉTRIQUES**  
Patent Applicant/Assignee:  
DEW ENGINEERING AND DEVELOPMENT LIMITED,  
Inventor(s):  
HAMID Lawrence,  
BORZA Stephen J,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9837519 A1 19980827  
Application: WO 98CA111 19980217 (PCT/WO CA9800111)  
Priority Application: US 97804267 19970221; US 97899704 19970724  
Designated States: JP NO AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 12567

Fulltext Availability:  
Detailed Description  
Detailed Description  
... associated with their biometric information sources in the form of finger tips, eyes, palm, or **voice**. The **biometric** information **samples** and the associated information are provided to a processor. The processor characterises the biometric information...

1/3,K/7 (Item 4 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00434921 \*\*Image available\*\*  
**METHOD AND SYSTEM FOR IMPROVING SECURITY IN NETWORK APPLICATIONS**  
**PROCEDE ET SYSTEME D'AMELIORATION DE LA SECURITE DANS DES APPLICATIONS DE RESEAU**  
Patent Applicant/Assignee:

Search Report from Ginger R. DeMille

DEW ENGINEERING AND DEVELOPMENT LIMITED,  
BORZA Stephen J,

Inventor(s):

BORZA Stephen J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9825385 A1 19980611

Application: WO 97CA926 19971202 (PCT/WO CA9700926)

Priority Application: US 9632347 19961204; US 97907958 19970811

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN  
TD TG

Publication Language: English

Fulltext Word Count: 13764

Fulltext Availability:

Detailed Description

Detailed Description

... biometric information sources are provided. These samples are in the form of fingerprints, palm prints, **voice** samples, retinal scans, or other **biometric** information **samples**.

Requiring an individual to enter bionietric information samples from at least two

1/3,K/8 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00322233

METHOD AND APPARATUS FOR SECURING DATA COMMUNICATION

PROCEDE ET APPAREIL DE TRANSMISSION SURE DE DONNEES

Patent Applicant/Assignee:

MARK Andrew R,

Inventor(s):

MARK Andrew R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9604741 A1 19960215

Application: WO 95US9964 19950807 (PCT/WO US9509964)

Priority Application: US 94286825 19940805

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 46995

Fulltext Availability:

Detailed Description

Detailed Description

... individual.

Additionally, because the device requires a system-clock coordinated program to install either a **voice** sample or other **biometric sample**, and in some cases knowledge of information held in each auto-dialer 100 which is...

1/3,K/9 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

Search Report from Ginger R. DeMille

(c) 2003 Thomson Derwent. All rts. reserv.

012623963 \*\*Image available\*\*

WPI Acc No: 1999-430067/199936

XRPX Acc No: N99-320202

**Tokenless financial access system**

Patent Assignee: SMARTTOUCH INC (SMAR-N)

Inventor: HOFFMAN N; LAPSLY P D; LEE J A; PARE D F

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9931621	A1	19990624	WO 98US27019	A	19981217	199936 B
AU 9919300	A	19990705	AU 9919300	A	19981217	199948

Priority Applications (No Type Date): US 97992092 A 19971217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9931621 A1 E 57 G06K-009/00

Designated States (National): AU CA JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

AU 9919300 A G06K-009/00 Based on patent WO 9931621

Abstract (Basic):

... System consists in user registration, the user registering **biometric samples** (fingerprints, retinal images, **voice** prints) and financial user accounts. The seller registers the financial account with the computer system...

1/3,K/10 (Item 1 from file: 654)

DIALOG(R) File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4108501 \*\*IMAGE Available

Derwent Accession: 1998-179632

**Utility**

**REASSIGNED**

E/ **Tokenless biometric transaction authorization method and system**

Inventor: Pare, Jr., David Ferrin, 1430 Josephine St. Apt. R7, Berkeley, CA , 94703

Hoffman, Ned, 1252A Pleasant Hill Ave., Sebastopol, CA, 94721

Lee, Jonathan Alexander, 1430 Josephine St. Apt. R7, Berkeley, CA , 94703

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Cosimano, Edward R. (Art Unit: 271)

Assistant Examiner: Bainbridge, Barton L.

Combined Principal Attorneys: Kamarei, Ali

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5870723	A	19990209	US 96705399	19960829
CIP	US 5613012	A		US 95442895	19950517
CIP	US 5615217	A		US 94345523	19941128

Fulltext Word Count: 34695

Non-exemplary or Dependent Claim(s):

...11. The method of claim 1 wherein the **biometric sample** is a **voice**

Search Report from Ginger R. DeMille

print44. The device of claim 34 wherein the **biometric sample** is a **voice print**...

1/3,K/11 (Item 2 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4058649 \*\*IMAGE Available

Derwent Accession: 1996-129670

**Utility**

**REASSIGNED, EXPIRED**

E/ Information storage device for storing personal identification information

Inventor: Mark, Andrew R., New York, NY

Assignee: Smart Tone Authentication, Inc. (02), New York, NY  
Smart Tone Authentication Inc

Examiner: Zele, Krista (Art Unit: 261)

Assistant Examiner: Wolinsky, Scott

Law Firm: Testa, Hurwitz & Thibeault, LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5825871	A	19981020	US 96639023	19960607
Division	US 5583933	A	19961210	US 94286825	19940805

Fulltext Word Count: 40790

Description of the Invention:

...Additionally, because the device requires a system-clock coordinated program to install either a **voice sample** or other **biometric sample**, and in some cases knowledge of information held in each auto-dialer 100 which is...

1/3,K/12 (Item 3 from file: 654)

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

4051223 \*\*IMAGE Available

Derwent Accession: 1996-129670

**Utility**

**REASSIGNED, EXPIRED**

E/ Auto-dialer housing

Inventor: Mark, Andrew R., New York, NY

Assignee: Smart Tone Authentication, Inc. (02), New York, NY  
Smart Tone Authentication Inc

Examiner: Chiang, Jack (Art Unit: 272)

Law Firm: Testa, Hurwitz & Thibeault LLP

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5818930	A	19981006	US 96664322	19960607
Division	US 5583933	A	19961210	US 94286825	19940805

Fulltext Word Count: 39658

Search Report from Ginger R. DeMille

Description of the Invention:

...Additionally, because the device requires a system-clock coordinated program to install either a **voice** sample or other **biometric sample**, and in some cases knowledge of information held in each auto-dialer 100 which is...

1/3,K/13 (Item 4 from file: 654)

DIALOG(R) File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3973843 \*\*IMAGE Available

Derwent Accession: 1996-129670

**Utility**

**REASSIGNED**

E/ **System and method using personal identification numbers and associated prompts for controlling unauthorized use of a security device and unauthorized access to a resource**

Inventor: Mark, Andrew R., New York, NY

Assignee: Smart Tone Authentication, Inc. (02), New York, NY  
Smart Tone Authentication Inc

Examiner: Zele, Krista M. (Art Unit: 261)

Assistant Examiner: Wolinsky, Scott

Law Firm: Testa, Hurwitz & Thibeault, LLP

	Publication Number	Kind	Application Number	Filing Date
Main Patent	US 5745555	A	19980428 US 96657594	19960607
Division	US 5583933	A	19961210 US 94286825	19940805

Fulltext Word Count: 40434

Description of the Invention:

...Additionally, because the device requires a system-clock coordinated program to install either a **voice** sample or other **biometric sample**, and in some cases knowledge of information held in each auto-dialer 100 which is...

1/3,K/14 (Item 5 from file: 654)

DIALOG(R) File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3959394 \*\*IMAGE Available

Derwent Accession: 1996-129670

**Utility**

**REASSIGNED**

E/ **System and method for selecting and generating telephone access numbers for limiting access to a telephone service**

Inventor: Mark, Andrew R., New York, NY

Assignee: Smart Tone Authentication, Inc. (02), New York, NY  
Smart Tone Authentication Inc

Examiner: Zele, Krista M. (Art Unit: 261)

Assistant Examiner: Wolinsky, Scott

Law Firm: Testa, Hurwitz & Thibeault, LLP

	Publication Number	Kind	Application Number	Filing Date

Search Report from Ginger R. DeMille

Main Patent	US 5732133	A	19980324	US 96660370	19960607
Division	US 5583933	A	19961210	US 94286825	19940805

Fulltext Word Count: 40140

Description of the Invention:

...Additionally, because the device requires a system-clock coordinated program to install either a **voice** sample or other **biometric sample**, and in some cases knowledge of information held in each auto-dialer 100 which is...

**1/3,K/15 (Item 6 from file: 654)**

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3829563 \*\*IMAGE Available

Derwent Accession: 1997-012261

LitAlert Accession: P2003-31-16 \*\*See File 670 for Litigation

**Utility**

**REASSIGNED**

E/ **Tokenless security system for authorizing access to a secured computer system**

Inventor: Hoffman, Ned, 2529A College Ave., Berkeley, CA, 94704

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Couso, Jose L. (Art Unit: 266)

Assistant Examiner: Tadayon, Bijan

Combined Principal Attorneys: Kamarei, Ali

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5615277	A	19970325	US 94345523	19941128

Fulltext Word Count: 18527

Abstract:

...The security system and method are principally based on a correlative comparison of a unique **biometric sample**, such as a finger print or **voice** recording, gathered directly from the person of an unknown user with an authenticated unique biometric...

**1/3,K/16 (Item 7 from file: 654)**

DIALOG(R)File 654:US Pat.Full.

(c) Format only 2003 The Dialog Corp. All rts. reserv.

3796299 \*\*IMAGE Available

Derwent Accession: 1996-129670

**Utility**

**REASSIGNED**

E/ **Method and apparatus for the secure communication of data**

Inventor: Mark, Andrew R., 205 W. End Ave., New York, NY, 10023

Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Zele, Krista M. (Art Unit: 261)

Assistant Examiner: Wolinsky, Scott

Law Firm: Testa, Hurwitz & Thibeault, LLP

Search Report from Ginger R. DeMille

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 5583933	A	19961210	US 94286825	19940805

Fulltext Word Count: 44828

Description of the Invention:

...Additionally, because the device requires a system-clock coordinated program to install either a **voice** sample or other **biometric sample**, and in some cases knowledge of information held in each auto-dialer 100 which is...

?

Search Report from Ginger R. DeMille

```
? show files
File 2:INSPEC 1969-2003/Sep W4
    (c) 2003 Institution of Electrical Engineers
File 5:Biosis Previews(R) 1969-2003/Oct W1
    (c) 2003 BIOSIS
File 6:NTIS 1964-2003/Oct W2
    (c) 2003 NTIS, Intl Cpyrht All Rights Res
File 7:Social SciSearch(R) 1972-2003/Oct W1
    (c) 2003 Inst for Sci Info
File 8:EI Compendex(R) 1970-2003/Sep W4
    (c) 2003 Elsevier Eng. Info. Inc.
File 9:Business & Industry(R) Jul/1994-2003/Oct 09
    (c) 2003 Resp. DB Svcs.
File 13:BAMP 2003/Sep W3
    (c) 2003 Resp. DB Svcs.
File 15:ABI/Inform(R) 1971-2003/Oct 09
    (c) 2003 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2003/Oct 10
    (c) 2003 The Gale Group
File 18:Gale Group F&S Index(R) 1988-2003/Oct 09
    (c) 2003 The Gale Group
File 20:Dialog Global Reporter 1997-2003/Oct 10
    (c) 2003 The Dialog Corp.
File 21:NCJRS 1972-2003/Sep
    (c) format only 2003 The Dialog Corporation
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Oct W1
    (c) 2003 Inst for Sci Info
File 47:Gale Group Magazine DB(TM) 1959-2003/Oct 09
    (c) 2003 The Gale group
File 50:CAB Abstracts 1972-2003/Sep
    (c) 2003 CAB International
File 53:FOODLINE(R): Food Science & Technology 1972-2003/Oct 08
    (c) 2003 LFRA
File 71:ELSEVIER BIOBASE 1994-2003/Oct W1
    (c) 2003 Elsevier Science B.V.
File 73:EMBASE 1974-2003/Oct W1
    (c) 2003 Elsevier Science B.V.
File 88:Gale Group Business A.R.T.S. 1976-2003/Oct 10
    (c) 2003 The Gale Group
File 89:GeoRef 1785-2003/Oct B1
    (c) 2003 American Geological Institute
File 95:TEME-Technology & Management 1989-2003/Sep W3
    (c) 2003 FIZ TECHNIK
File 98:General Sci Abs/Full-Text 1984-2003/Sep
    (c) 2003 The HW Wilson Co.
File 103:Energy SciTec 1974-2003/Sep B2
    (c) 2003 Contains copyrighted material
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Oct 08
    (c) 2003 The Gale Group
File 112:UBM Industry News 1998-2003/Oct 10
    (c) 2003 United Business Media
File 141:Readers Guide 1983-2003/Sep
    (c) 2003 The HW Wilson Co
File 142:Social Sciences Abstracts 1983-2003/Sep
    (c) 2003 The HW Wilson Co
File 144:Pascal 1973-2003/Sep W4
    (c) 2003 INIST/CNRS
File 148:Gale Group Trade & Industry DB 1976-2003/Oct 10
    (c) 2003 The Gale Group
File 155:MEDLINE(R) 1966-2003/Oct W1
    (c) format only 2003 The Dialog Corp.
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File 180:Federal Register 1985-2003/Oct 09  
(c) 2003 format only The DIALOG Corp  
File 195:FBODaily Mar 2003-2003/Oct 11  
(c) format only 2003 The Dialog Corp.  
File 211:Gale Group Newsearch(TM) 2003/Oct 10  
(c) 2003 The Gale Group  
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Sep  
(c) 2003 Info.Sources Inc  
File 258:AP News Jul 2000-2003/Oct 10  
(c) 2003 Associated Press  
File 264:DIALOG Defense Newsletters 1989-2003/Oct 08  
(c) 2003 The Dialog Corp.  
File 266:FEDRIP 2003/Aug  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 275:Gale Group Computer DB(TM) 1983-2003/Oct 10  
(c) 2003 The Gale Group  
File 340:CLAIMS(R)/US Patent 1950-03/Oct 07  
(c) 2003 IFI/CLAIMS(R)  
File 344:Chinese Patents Abs Aug 1985-2003/Apr  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)  
(c) 2003 JPO & JAPIO  
File 348:EUROPEAN PATENTS 1978-2003/Oct W01  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031002, UT=20030925  
(c) 2003 WIPO/Univentio  
File 351:Derwent WPI 1963-2003/UD,UM &UP=200365  
(c) 2003 Thomson Derwent  
File 392:Boston Herald 1995-2003/Oct 09  
(c) 2003 Boston Herald  
File 440:Current Contents Search(R) 1990-2003/Oct 10  
(c) 2003 Inst for Sci Info  
File 476:Financial Times Fulltext 1982-2003/Oct 10  
(c) 2003 Financial Times Ltd  
File 477:Irish Times 1999-2003/Oct 10  
(c) 2003 Irish Times  
File 484:Periodical Abs Plustext 1986-2003/Sep W4  
(c) 2003 ProQuest  
File 545:Investext(R) 1982-2003/Oct 09  
(c) 2003 Thomson Financial Networks  
File 608:KR/T Bus.News. 1992-2003/Oct 10  
(c) 2003 Knight Ridder/Tribune Bus News  
File 609:Bridge World Markets 2000-2001/Oct 01  
(c) 2001 Bridge  
File 610:Business Wire 1999-2003/Oct 10  
(c) 2003 Business Wire.  
File 613:PR Newswire 1999-2003/Oct 10  
(c) 2003 PR Newswire Association Inc  
File 619:Asia Intelligence Wire 1995-2003/Oct 09.  
(c) 2003 Fin. Times Ltd  
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 10  
(c) 2003 The Gale Group  
File 625:American Banker Publications 1981-2003/Oct 10  
(c) 2003 American Banker  
File 635:Business Dateline(R) 1985-2003/Oct 09  
(c) 2003 ProQuest Info&Learning  
File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 10  
(c) 2003 The Gale Group  
File 647:CMP Computer Fulltext 1988-2003/Sep W2  
(c) 2003 CMP Media, LLC  
? ds

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Set	Items	Description
S1	302	(BIOMETRIC? OR BIO()METRIC OR FINGERPRINT? ? OR FINGER()PR- INT? ? OR HANDPRINT? ? OR PALMPRINT? ?)(5N) (INTEGRAT? OR EMBE- D?) (5N) (DNA OR GENE? OR NUCLEOTIC OR SEQUENCE? ?)
S2	153	RD (unique items) ? t2/3,k/all >>>KWIC option is not available in file(s): 21

**2/3,K/1 (Item 1 from file: 2)**

DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7616576 INSPEC Abstract Number: C2003-06-1260C-031

**Title: Design and development of a biometric based e-security system for e-applications**

Author(s): Siyal, M.Y.; Chowdhry, B.S.; Memon, A.R.  
Author Affiliation: Sch. of Electr. & Electron. Eng., Nanyang Technol. Univ., Singapore, Singapore  
Journal: Mehran University Research Journal of Engineering and Technology vol.22, no.1 p.65-72  
Publisher: Mehran Univ,  
Publication Date: Jan. 2003 Country of Publication: Pakistan  
CODEN: MURTDB ISSN: 0254-7821  
SICI: 0254-7821(200301)22:1L.65:DDBB;1-N  
Material Identity Number: D552-2003-001  
Language: English  
Subfile: C  
Copyright 2003, IEE

...Abstract: of some data or belonging of some determined object. This paper introduces the notion of **Biometric** Signature: a new approach to **integrate biometrics** with PKI (Public Key Infrastructure) using **biometric** based signature key **generation**. This is based on iris recognition which is secure, efficacious, fast, convenient, non-invasive and...

**2/3,K/2 (Item 2 from file: 2)**

DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7440036 INSPEC Abstract Number: C2002-12-6130S-060

**Title: Short 3-secure fingerprinting codes for copyright protection**

Author(s): Sebe, F.; Domingo-Ferrer, J.  
Author Affiliation: Dept. of Comput. Eng. & Math., Univ. Rovira i Virgili, Tarragona, Spain  
Conference Title: Information Security and Privacy. 7th Australian Conference, ACISP 2002. Proceedings (Lecture Notes in Computer Science Vol.2384) p.316-27  
Editor(s): Batten, L.; Seberry, J.  
Publisher: Springer-Verlag, Berlin, Germany  
Publication Date: 2002 Country of Publication: Germany xii+514 pp.  
ISBN: 3 540 43861 0 Material Identity Number: XX-2002-02067  
Conference Title: Information Security and Privacy. 7th Australasian Conference ACISP 2002. Proceedings  
Conference Date: 3-5 July 2002 Conference Location: Melbourne, Vic., Australia  
Language: English  
Subfile: C  
Copyright 2002, IEE

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...Abstract: buyers is achieved with a codeword length dramatically shorter than the one required by the **general** Boneh-Shaw construction. Thus the proposed **fingerprints** require much less **embedding** capacity. Due to their very clandestine nature, collusions tend to involve a small number of...

**2/3,K/3 (Item 3 from file: 2)**

DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7213704 INSPEC Abstract Number: C2002-04-5260B-431

**Title: Approaches to biometric watermarks for owner authentication**

Author(s): Vielhauer, C.; Steinmetz, R.  
Author Affiliation: Platanista GmbH, Darmstadt, Germany  
Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.4314 p.209-19  
Publisher: SPIE-Int. Soc. Opt. Eng.,  
Publication Date: 2001 Country of Publication: USA  
CODEN: PSISDG ISSN: 0277-786X  
SICI: 0277-786X(2001)4314L.209:ABWO;1-L  
Material Identity Number: C574-2001-285  
U.S. Copyright Clearance Center Code: 0277-786X/01/\$15.00  
Conference Title: Security and Watermarking of Multimedia Contents III  
Conference Sponsor: SPIE  
Conference Date: 22-25 Jan. 2001 Conference Location: San Jose, CA,  
USA

Language: English

Subfile: C

Copyright 2002, IEE

...Abstract: we choose online handwriting as an appropriate base technology for our three new scenarios in **biometric** watermarking. In the first approach, **embedding** keys are being **generated** from **biometric** reference data. which requires stable and robust features and leads to rather complex keys. To...

**2/3,K/4 (Item 4 from file: 2)**

DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7075848 INSPEC Abstract Number: C2001-12-6130S-029

**Title: Novel biometric digital signatures for Internet-based applications**

Author(s): Janbandhu, P.K.; Siyal, M.Y.  
Author Affiliation: Sch. of Electr. & Electron. Eng., Nanyang Technol. Univ., Singapore  
Journal: Information Management & Computer Security vol.9, no.5 p. 205-12

Publisher: MCB University Press,

Publication Date: 2001 Country of Publication: UK

CODEN: IMCSE4 ISSN: 0968-5227

SICI: 0968-5227(2001)9:5L.205:NBDS;1-T

Material Identity Number: B218-2001-004

Language: English

Subfile: C

Copyright 2001, IEE

...Abstract: of some data or belonging of some determined object. This

Search Report from Ginger R. DeMille

paper introduces the notion of **biometric** signature-a new approach to **integrate biometrics** with public key infrastructure, using **biometric** based digital signature **generation** which is secure, efficacious, fast, convenient, non-invasive and correctly identifies the maker of a...

**2/3,K/5 (Item 5 from file: 2)**

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6656927 INSPEC Abstract Number: B2000-09-6135C-044, C2000-09-5260B-104  
**Title:** Enhancement of robustness of image watermarks embedding into colored image, based on WT and DCT  
Author(s): Cho, J.S.; Shin, S.W.; Lee, W.H.; Kim, J.W.; Choi, J.U.  
Conference Title: Proceedings International Conference on Information Technology: Coding and Computing (Cat. No.PR00540) p.483-8  
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA  
Publication Date: 2000 Country of Publication: USA xvi+528 pp.  
ISBN: 0 7695 0540 6 Material Identity Number: XX-2000-01050  
U.S. Copyright Clearance Center Code: 0 7695 0540 6/2000/\$10.00  
Conference Title: Proceedings International Conference on Information Technology: Coding and Computing. ITCC 2000  
Conference Sponsor: IEEE Comput. Soc  
Conference Date: 27-29 March 2000 Conference Location: Las Vegas, NV,  
USA  
Language: English  
Subfile: B C  
Copyright 2000, IEE

...Abstract: using DCT, integrating the wavelet transformed digital image with the DCT-transformed watermark image to **embed** the **fingerprint** into the intellectual property, and **generating** the watermarked image using the inverse wavelet transform. In the experiments, it was found that...

**2/3,K/6 (Item 6 from file: 2)**

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6618679 INSPEC Abstract Number: C2000-07-7120-050  
**Title:** The second generation of digital commerce solutions  
Author(s): Mott, S.  
Author Affiliation: BetterBuyDesign, Stamford, CT, USA  
Journal: Computer Networks vol.32, no.6 p.669-83  
Publisher: Elsevier,  
Publication Date: 30 May 2000 Country of Publication: Netherlands  
CODEN: CNETDP ISSN: 1389-1286  
SICI: 1389-1286(20000530)32:6L.669:SGDC;1-3  
Material Identity Number: H263-2000-009  
U.S. Copyright Clearance Center Code: 1389-1286/2000/\$20.00  
Language: English  
Subfile: C  
Copyright 2000, IEE

...Abstract: emerge, with new priorities (e.g., privacy) and higher value-added requirements (e.g., smartcard **integration**, **biometrics**, etc.). Sorting out the winners and losers in this second **generation** will be harder still, since one of the prerequisites is that all the technology will...

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2/3,K/7 (Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4875338 INSPEC Abstract Number: C9503-7330-087

Title: A database system for constructing, integrating, and displaying physical maps of chromosome 19

Author(s): Slezak, T.; Wagner, M.; Yeh, M.; Ashworth, L.; Nelson, D.; Ow, D.; Branscomb, E.; Carrano, A.

Author Affiliation: Human Genome Center, Lawrence Livermore Nat. Lab., CA, USA

Part vol.5 p.14-23 vol.5

Editor(s): Hunter, L.; Shriver, B.D.

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1995 Country of Publication: USA 5 vol.  
(x+361+xv+762+xv+600+xx+1042+x+362) pp.

ISBN: 0 8186 6921 7

U.S. Copyright Clearance Center Code: 1060-3425/95/\$4.00

Conference Title: Proceedings of the Twenty-Eighth Annual Hawaii International Conference on System Sciences

Conference Sponsor: Univ. Hawaii; Univ. Hawaii Coll. Bus. Admin.; IEEE Comput. Soc.; ACM; PRISM

Conference Date: 3-6 Jan. 1995 Conference Location: Wailea, HI, USA

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: involved in our database, and discuss the use of this data by our major tools ( DNA fingerprint analysis and overlap computation, contig assembly, map integration and database browsing). Given the advantage of hindsight, we discuss what worked, what didn't...

2/3,K/8 (Item 1 from file: 5)

DIALOG(R) File 5:Biosis Previews(R)

(c) 2003 BIOSIS. All rts. reserv.

14375571 BIOSIS NO.: 200300369600

Integrating chemical structures, biological activity fingerprints , and gene expression profiling for drug discovery.

AUTHOR: Shi Leming(a); Su Zhenqiang(a); Xie Aihua(a); Liao Chenzhong(a); Qiao Wei(a); Zhang Dajie(a); Li Zhibin(a); Ning Zhiqiang(a); Hu Weiming (a); Lu Xianping(a)

AUTHOR ADDRESS: (a)Chipscreen Biosciences, Ltd, Research Institute of Tsinghua University, Shenzhen, Suite C301, 518057, Guangdong, China\*\*  
China E-Mail: lmshi@chipscreen.com

JOURNAL: Abstracts of Papers American Chemical Society 225 (1-2):pBTEC 18  
2003

MEDIUM: print

CONFERENCE/MEETING: 225th American Chemical Society (ACS) National Meeting  
New Orleans, LA, USA March 23-27, 2003

SPONSOR: American Chemical Society

ISSN: 0065-7727

RECORD TYPE: Citation

LANGUAGE: English

Integrating chemical structures, biological activity fingerprints , and gene expression profiling for drug discovery.

Search Report from Ginger R. DeMille

2/3,K/9 (Item 2 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

13167053 BIOSIS NO.: 200100374202

**Physical mapping: Integrating computational and molecular genetic data.**  
AUTHOR: Le Hellard S(a); Semple C A M; Morris S W; Porteous D J; Evans K L  
AUTHOR ADDRESS: (a)Medical Genetics Section, Molecular Medicine Centre,  
Western General Hospital, Crewe Road, Edinburgh, EH4 2XU:  
S.LeHellard@ed.ac.uk\*\*UK  
JOURNAL: Annals of Human Genetics 65 (3):p221-228 May, 2001  
MEDIUM: print  
ISSN: 0003-4800  
DOCUMENT TYPE: Literature Review  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

...ABSTRACT: 1. In this review we use this example to describe how to collect publicly available **sequence**, **DNA fingerprint**, and **genetic marker** data and **integrate** these with empirical data to build a large scale high resolution physical map of a...

2/3,K/10 (Item 3 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

12652714 BIOSIS NO.: 200000406216

**Recently integrated human Alu repeats: Finding needles in the haystack.**  
AUTHOR: Roy Astrid M; Carroll Marion L; Kass David H; Nguyen Son V; Salem  
Abdel-Halim; Batzer Mark A; Deininger Prescott L(a)  
AUTHOR ADDRESS: (a)Tulane Cancer Center, Tulane University - Medical  
Center, 1430 Tulane Ave., SL-66, New Orleans, LA, 70112\*\*USA  
JOURNAL: Genetica (Dordrecht) 107 (1-3):p149-161 1999  
MEDIUM: print  
ISSN: 0016-6707  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English  
SUMMARY LANGUAGE: English

...ABSTRACT: Allele-Specific Alu PCR (ASAP). In this approach, Alu elements are selectively amplified from anchored **DNA generating** a display or '**fingerprint**' of recently **integrated** Alu elements. Alu insertion polymorphisms are then detected by comparison of the DNA fingerprints generated...

2/3,K/11 (Item 4 from file: 5)  
DIALOG(R) File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

11840836 BIOSIS NO.: 199900086945

**Gene transfer via pollen-tube pathway for anti-fusarium wilt in watermelon.**  
AUTHOR: Chen Wen-Shaw(a); Chiu Chien-Chih; Liu Ho-Yih; Lee Tan-Lon; Cheng  
Jiin-Tuey; Lin Cheng-Chung; Wi Yue-Jean; Chang Huei-Yu  
AUTHOR ADDRESS: (a)Dep. Biol. Sci., Natl. Sun Yat-Sen Univ., Kaohsiung City  
\*\*Taiwan

Search Report from Ginger R. DeMille

JOURNAL: Biochemistry and Molecular Biology International 46 (6):p  
1201-1209 Dec., 1998  
ISSN: 1039-9712  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: in the genome of stable transgenic seedlings was confirmed by Southern blot analysis. Furthermore, the **generation** of random amplified polymorphic DNA (RAPD) **fingerprints** using primers with **embedded** restriction sites showed amplification products unique to these transgenic plants. Primers OPA-1 and OPA...

2/3,K/12 (Item 5 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

10376747 BIOSIS NO.: 199698831665  
**The transcontinental transmission of tuberculosis: A molecular epidemiological assessment.**  
AUTHOR: Casper Corey; Singh Samir P; Rane Sangeeta; Daley Charles L;  
Schechter Gisela S; Riley Lee W; Kreiswirth Barry N; Small Peter M(a)  
AUTHOR ADDRESS: (a)Div. Infectious Diseases and Geographic Med., Stanford  
Med. Cent., Room S-143, Stanford, CA 9430\*\*USA  
JOURNAL: American Journal of Public Health 86 (4):p551-553 1996  
ISSN: 0090-0036  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: been limited to outbreak investigations in confined geographic regions. In this report conventional and computerized **DNA fingerprint**-based approaches were **integrated** to demonstrate that the most widely prevalent strain of Mycobacterium tuberculosis from New York City...

2/3,K/13 (Item 6 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

09622524 BIOSIS NO.: 199598077442  
**How is it that microsatellites and random oligonucleotides uncover DNA fingerprint patterns?**  
AUTHOR: Kashi Y; Nave A; Darvazi A; Gruenbaum Y; Soller M(a); Beckmann J S  
AUTHOR ADDRESS: (a)Dep. Genetics, Alexander Silberman Life Sci. Inst.,  
Hebrew Univ. Jerusalem, 91904 Jerusalem\*\*Israel  
JOURNAL: Mammalian Genome 5 (9):p525-530 1994  
ISSN: 0938-8990  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: specificity. The polymorphic nature of the fragments is attributed to tandem repeat number variation of **embedded** minisatellite **sequences**. This explains why **DNA fingerprint** fragments are uncovered by minisatellite probes, but does not explain how it is that they...

2/3,K/14 (Item 7 from file: 5)

Search Report from Ginger R. DeMille

DIALOG(R) File 5:Biosis Previews(R)  
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08837994 BIOSIS NO.: 199395127345

**DAF-amplified fragments can be used as markers for DNA from pulse field gels.**

AUTHOR: Kolchinsky Alexander M(a); Funke Roel P; Gresshoff Peter M

AUTHOR ADDRESS: (a)Plant Molecular Genetics, Univ. Tenn., Knoxville, TN  
37901-1071\*\*USA

JOURNAL: Biotechniques 14 (3):p400-403 1993

ISSN: 0736-6205

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

...ABSTRACT: was developed in our laboratory. Here we show that it is possible to produce specific **fingprints** for subgenomic **DNA** fragments **embedded** in agarose, including fractions from conventional and pulse field gels. Fractions of restricted genomic DNA...

2/3,K/15 (Item 1 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

06539834 E.I. No: EIP03397651657

**Title: Digital fingerprinting algorithm based on binary codes**

Author: Wang, Yan; Lu, Shu-Wang; Xu, Han-Liang

Corporate Source: Lab. of Info. Security Graduate Sch. Chinese Acad. of Sci., Beijing 100039, China

Source: Ruan Jian Xue Bao/Journal of Software v 14 n 6 June 2003. p 1172-1177

Publication Year: 2003

CODEN: RUXUEW ISSN: 1000-9825

Language: Chinese

...Abstract: a fingerprinting algorithm and the corresponding tracing algorithm are proposed by using a pseudo-random **sequence** to control the **embedding** of the **fingerprint** bits. Both theoretical analysis and experimental results show that under reasonable collusion size, by the...

2/3,K/16 (Item 2 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

05952669 E.I. No: EIP01496756536

**Title: Approaches to biometric watermarks for owner authentication**

Author: Vielhauer, C.; Steinmetz, R.

Corporate Source: 1-Platanista GmbH, Darmstadt, 64289, Germany

Conference Title: Security and Watermarking of Multimedia Contents III

Conference Location: San Jose, CA, United States Conference Date:  
20010122-20010125

E.I. Conference No.: 58754

Source: Proceedings of SPIE - The International Society for Optical Engineering v 4314 2001. p 209-219

Publication Year: 2001

CODEN: PSISDG ISSN: 0277-786X

Language: English

Search Report from Ginger R. DeMille

...Abstract: choose on-line handwriting as an appropriate base technology for our three new scenarios in **biometric** watermarking. In the first approach, **embedding** keys are being **generated** from **biometric** reference data, which requires stable and robust features and leads to rather complex keys. To...

**2/3,K/17 (Item 3 from file: 8)**

DIALOG(R) File 8:Ei Compendex(R)  
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

05496261 E.I. No: EIP99035078239

**Title: Emerging biometric API industry standard**

**Author:** Tilton, Catherine J.

**Corporate Source:** SafLink Corp

**Source:** Computer v 33 n 2 2000. p 130-132

**Publication Year:** 2000

**CODEN:** CPTRB4 **ISSN:** 0018-9162

**Language:** English

...Abstract: any standard is to allow for interchangeability and/or interoperability, thus reducing risk to the **integrator** and user. The creation of a standard, **generic biometric API** allows: easy substitution of **biometric** technologies; simple **integration** of multiple **biometrics** using the same interface; and rapid extension of **biometric** technology across multiple applications. These qualities prevent user lock-in, where it is difficult to...

**2/3,K/18 (Item 1 from file: 9)**

DIALOG(R) File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2929576 Supplier Number: 02929576 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Biometrics At The Crossroads**

(About \$58.4 mil in revenues were generated from biometric verification systems in 1999, but \$594 mil expected to be generated by 2003; of those who can, 80% choose to use iris scanners and more than 95% of users are satisfied)

Bank Technology News, v 13, n 9, p 1

September 2000

DOCUMENT TYPE: Journal ISSN: 1060-3506 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1967

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...biometrics to make purchasing and transferring data over the Internet more secure.

According to International **Biometric** Group, a New York-based technology **integration** and consulting firm, **biometric** verification systems **generated** revenues of just \$58.4 million last year. The firm projects the industry's revenues...

**2/3,K/19 (Item 2 from file: 9)**

DIALOG(R) File 9:Business & Industry(R)  
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Search Report from Ginger R. DeMille

2922322 Supplier Number: 02922322 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Veridicom improves integration, power consumption, imaging with third-generation chip -- Fingerprint sensor pushes specs for portables**  
**(Veridicom introduces third-generation fingerprint sensor, FPS200; the chip is a 256 x 300-sensor array with 1.28-cm x 1.50-cm sensor area providing resolution of 500 dots/inch)**

Electronic Engineering Times, p 52

September 18, 2000

DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 523

**Veridicom improves integration, power consumption, imaging with third-generation chip -- Fingerprint sensor pushes specs for portables**

TEXT:

...NEW YORK - Veridicom Inc., a provider of fingerprint-based authentication solutions, has introduced its **third-generation fingerprint** sensor. The FPS200 is said to improve image quality, size, **integration**, power consumption and ruggedness over previous-generation sensors, the company said.

The Lucent Technologies/Bell...

2/3,K/20 (Item 3 from file: 9)

DIALOG(R) File 9:Business & Industry(R)

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2883632 Supplier Number: 02883632 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Millennium Group Supply Watermarking To Film Industry**

**(Millennium Group to offer digital watermarking and play-control apparatus for DVD recorders and related home electronics equipment)**

DVD Intelligence, v 3, n 11-14, p 5

June 2000

DOCUMENT TYPE: Newsletter ISSN: 1367-4498 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 283

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...that have the capability of recording or playing digital video.

Watermarking adds a type of "fingerprint" to digital video that triggers watermark detectors **integrated** in the **next-generation** of digital recording devices.

To further bolster system security, the new Millennium Group proposal also  
...

2/3,K/21 (Item 4 from file: 9)

DIALOG(R) File 9:Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

2830685 Supplier Number: 02830685 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FBI, INS plan a match on IDs**

**(Justice Dept to spend \$200 mil over next five years to integrate FBI and INS fingerprint identification systems)**

Search Report from Ginger R. DeMille

Government Computer News, p 1+

May 08, 2000

DOCUMENT TYPE: Journal ISSN: 0738-4300 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 891

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...systems of the FBI and the Immigration and Naturalization Service.

The two agencies first discussed integrating the **fingerprint** systems in 1997, but a recent inspector general report and demands from state and local law enforcement agencies have given the project renewed...

**2/3,K/22 (Item 5 from file: 9)**

DIALOG(R)File 9:Business & Industry(R)

(c) 2003 Resp. DB Svcs. All rts. reserv.

2473531 Supplier Number: 02473531 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Tech Bytes: Identix, Motorola Aim for Fingerprint Standard**

**(Motorola in strategic alliance with Identix to develop fingerprint-based security systems utilizing Motorola's advanced semiconductor chips)**

American Banker, v 164, n 104, p 14

June 02, 1999

DOCUMENT TYPE: Newspaper ISSN: 0002-7561 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 153

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...research and development in digital-image capture and represents an opportunity to use our Digital **DNA** technology to **integrate biometric authentication systems across Motorola product lines.**"

...

**2/3,K/23 (Item 1 from file: 13)**

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

1264433 Supplier Number: 03472902 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**In a blink: house office bets on biometrics. (Authentication)**

Article Author(s): Bhamhani, Dipka

Government Computer News, v 21, n 19, p 35(2)

July 15, 2002

DOCUMENT TYPE: Journal ISSN: 0738-4300 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 468

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Department last month awarded KPMG Consulting Inc. of McLean, Va., a task order under the **General Services Administration's Information Technology Omnibus Procurement** to **embed a fingerprint** recognition algorithm in the DOD Common Access Cards. SAFLink is one of four

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subcontractors on...

**2/3,K/24 (Item 2 from file: 13)**

DIALOG(R) File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1249078 Supplier Number: 03307711 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Biometrics technology offers compliance alternatives. (On the Job: Medical Services)**  
(medical service provider implements biometrics for data security, greater productivity)  
Article Author(s): Mesenbrink, John  
Security, v 39, n 3, p 42(1)  
March 2002  
DOCUMENT TYPE: Journal ISSN: 0890-8826 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 410

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to unbundle the capacitance shift from the FIU-710 and to sell it to systems **integrators** who are using it like an **embedded biometric controller**," says Robert Ellis, **general** manager of business development for broadcast and professional company for Sony.

The FIU-700 series...

**2/3,K/25 (Item 3 from file: 13)**

DIALOG(R) File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1186006 Supplier Number: 02639735  
**The body identifier**  
(With the growth of e-commerce, banks see new applications for biometric ID systems)  
Article Author(s): Halperin, Karin  
Bank Systems & Technology, v 37, n 11, p 38-44  
November 2000  
DOCUMENT TYPE: Journal ISSN: 1045-9472 (United States)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...of e-commerce, banks see new applications for biometric ID systems. According to the International **Biometrics** Group (IBG), a New York technology **integration** and consulting firm, **biometric** hardware and software systems **generated** \$58.4 million in revenue last year, but it expects them to increase to \$594...

**2/3,K/26 (Item 4 from file: 13)**

DIALOG(R) File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1170420 Supplier Number: 02492081 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Biometrics At The Crossroads**  
(Although biometric systems enable banks to identify customers by touch or site, the technology has been slow to catch on because of reliability

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and cost issues as well as customer resistance)  
Article Author(s): Leuchter, Miriam  
US Banker, v 110, n 6, p 58-64  
June 2000  
DOCUMENT TYPE: Journal ISSN: 0148-8848 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2040

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...biometrics to make purchasing and transferring data over the Internet more secure.

According to International **Biometric** Group, a New York-based technology **integration** and consulting firm, **biometric** verification systems **generated** revenues of just \$58.4 million last year. The firm projects the industry's revenues...

2/3,K/27 (Item 5 from file: 13)

DIALOG(R) File 13:BAMP  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1116872 Supplier Number: 01913136 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Colour management: a necessity, not a luxury**  
(Printers need to realize that color management is a form of process control, not a technology, that will improve business by preventing contract cancellations and nonpayments due to poor color in a job; color profiling is an effort to take into account different printing techniques, equipment, and materials to generate the truest colors)

Article Author(s): Ward, Gareth  
British Printer, v CXII, n 3, p 14-16  
March 1999  
DOCUMENT TYPE: Journal ISSN: 0007-1684 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2606

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...system. One is to have the profile information included in the device itself as an **embedded fingerprint generating** open color information with the file it is handling. Two is translating the open information...

TEXT:

...system. One is to have the profile information included in the device itself as an **embedded fingerprint** automatically **generating** open colour information with the file it is handling, or translating the open information into...

2/3,K/28 (Item 1 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00965877 96-15270  
**NCS joins Esprit's CASCADE project**  
Anonymous  
Sensor Review v14n4 PP: 6-7 1994

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ISSN: 0260-2288 JRNL CODE: SEN  
WORD COUNT: 905

...TEXT: a smartcard IC, to provide support for highly-sophisticated security checks using techniques such as **biometric** validation. This future **generation** of "thinking" **embeddable** microcomputer chips will greatly expand the applications potential for smartcard technology, opening up markets for...

**2/3,K/29 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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10740812 Supplier Number: 108259016 (USE FORMAT 7 FOR FULLTEXT)  
**Applied DNA Sciences Signs \$3 Million Exclusive Licensing Agreement for the United Kingdom.**

Business Wire, p5217  
Sept 29, 2003  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 984

... can be used in smart cards, passports, driver's licenses and semi-conductor boards. The **DNA** chip could also be **integrated** with other **biometric** solutions including **fingerprint**, facial and voice recognition technologies. The Applied **DNA** (TM) Security Access system uses the Applied DNA Chip in combination with molecular biotechnology and...

**2/3,K/30 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

10717467 Supplier Number: 107784325 (USE FORMAT 7 FOR FULLTEXT)  
**I/O Software Demonstrates Multi-Factor Authentication Solution at Fall IDF; I/O Software Teams Up With Intel's Mobile Platform Group to Enhance the Intel(R) Centrino(TM) Mobile Technology-Based Security Concept.**

PR Newswire, pNA  
Sept 16, 2003  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 532

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
...its authentication technology with an Intel(R) Centrino(TM) mobile technology-based laptop and an **integrated** **fingerprint** sensor at a Next **Generation** Technologies for Mobile Internet PC track session on Sept. 18. I/O Software's integrated...

**2/3,K/31 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

10463779 Supplier Number: 101514269 (USE FORMAT 7 FOR FULLTEXT)  
**Markland Technologies Announces Letter of Intent to Purchase Facial Recognition Firm; Acquisition of BioDentity Systems Corporation Adds to Corporate Growth Strategy.**

Search Report from Ginger R. DeMille

Business Wire, p5316

May 9, 2003

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1198

... facial images; technology for extracting the face biometric from a photograph or travel document; next-generation border clearance solutions with fully integrated face biometric processing; and face recognition solutions that secure travel and identification document issuance.

Determining the location...

**2/3,K/32 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

10412916 Supplier Number: 100833623 (USE FORMAT 7 FOR FULLTEXT)  
**NEW VERSION OF OMNIVIZ SOFTWARE ADDS SOLUTIONS FOR CHEMISTS.**

AsiaPulse News, p8400

April 29, 2003

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 655

... In the OmniViz(R) software, these methods can be applied to millions of documents."

The integration of BCI's fingerprint generation and Ward's hierarchical clustering components into OmniViz enables the researcher to find positive leads...

**2/3,K/33 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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10409199 Supplier Number: 100757336 (USE FORMAT 7 FOR FULLTEXT)  
**New Version of OmniViz Software Adds State-of-the-Art Solutions For Chemists and Biologists.**

PR Newswire, pLAM12328042003

April 28, 2003

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 618

... In the OmniViz(R) software, these methods can be applied to millions of documents."

The integration of BCI's fingerprint generation and Ward's hierarchical clustering components into OmniViz enables the researcher to find positive leads...

**2/3,K/34 (Item 6 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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10322300 Supplier Number: 98839912 (USE FORMAT 7 FOR FULLTEXT)

**Applied DNA Sciences Opens East Coast Sales and Marketing Office; Company Names Douglas Falkner as Managing Director of East Coast Operations.**

Business Wire, p5673

Search Report from Ginger R. DeMille

March 17, 2003

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 621

... credit cards, security cards, smart cards, passports, driver's licenses, and semi-conductor boards. The **embedded - DNA** chip can be **integrated** with **biometric** solutions including **fingerprint**, facial recognition, voice recognition and passwords.

About Applied **DNA** Sciences, Inc.

Applied DNA Sciences, Inc. provides proprietary embedded-DNA biotechnology solutions that verify authenticity...

**2/3,K/35 (Item 7 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

08244945 Supplier Number: 69433486 (USE FORMAT 7 FOR FULLTEXT)  
**Support.com to Power Contrado's Enterprise Software Supply Chain Products;**  
**Contrado Licenses Support.com's Core Technology in Strategic Partnership.**

Business Wire, p2080

Jan 24, 2001

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1100

... the links across the Software Supply Chain. Additionally, products from the two companies will be **integrated** so that joint customers can use the **DNA** "fingerprint" from the software installation to more quickly resolve support requests. This solution can dramatically reduce...

**2/3,K/36 (Item 8 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
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07816601 Supplier Number: 65278898 (USE FORMAT 7 FOR FULLTEXT)  
**Veridicom improves integration, power consumption, imaging with third-generation chip -- Fingerprint sensor pushes specs for portables. (Product Announcement)**

Quan, Margaret

Electronic Engineering Times, p52

Sept 18, 2000

Language: English Record Type: Fulltext  
Article Type: Product Announcement  
Document Type: Magazine/Journal; Trade  
Word Count: 549

(USE FORMAT 7 FOR FULLTEXT)  
**Veridicom improves integration, power consumption, imaging with third-generation chip -- Fingerprint sensor pushes specs for portables. (Product Announcement)**

TEXT:

NEW YORK - Veridicom Inc., a provider of fingerprint-based authentication solutions, has introduced its third-**generation** **fingerprint** sensor. The FPS200 is said to improve image quality, size, **integration**, power consumption and ruggedness over previous-generation sensors, the company said.

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**2/3,K/37 (Item 9 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
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07790164 Supplier Number: 65127048 (USE FORMAT 7 FOR FULLTEXT)  
**Veridicom Launches Third- generation Fingerprint Chip Designed for Easy Integration of Strong Authentication Into Internet Appliances, PCs & Mobile Phones.**  
Business Wire, p2369  
Sept 11, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 940

**Veridicom Launches Third- generation Fingerprint Chip Designed for Easy Integration of Strong Authentication Into Internet Appliances, PCs & Mobile Phones.**

**2/3,K/38 (Item 10 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
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07601223 Supplier Number: 63641925 (USE FORMAT 7 FOR FULLTEXT)  
**Infineon Technologies Launches Global Partnership Program to Address New Security Markets.**  
Business Wire, p0466  
July 24, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1569

... and consequently are looking forward to becoming a member of Silicon Trust," explains Stefan Kuhn, General Manager Biometrics , Siemens ICM.  
Siemens PSE  
"A secure solution comprises integration of trustworthy silicon and reliable system components of trusted partners into the customer's infrastructure...

**2/3,K/39 (Item 11 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
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07600049 Supplier Number: 63630149 (USE FORMAT 7 FOR FULLTEXT)  
**Veridicom Unveils Thinner, More Rugged Fingerprint Sensor Chip for Stronger Authentication On Portable Devices; FPS110BT Offers Design Space Savings of 46 Percent.**  
Business Wire, p2150  
July 24, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 534

... offers an ultra-thin 1.4 mm package - at least 46 percent thinner than previous fingerprint sensor chips - for easy integration into the latest generation of ultra-thin portable devices. The thinner package

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also allows for the finger to be...

**2/3,K/40 (Item 12 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
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07400656 Supplier Number: 62241628 (USE FORMAT 7 FOR FULLTEXT)

**FBI, INS plan a match on IDs. (Government Activity)**

DATE, SHRUTI

Government Computer News, v19, n10, p1

May 8, 2000

Language: English Record Type: Fulltext

Document Type: Tabloid; Trade

Word Count: 922

... systems of the FBI and the Immigration and Naturalization Service.

The two agencies first discussed **integrating** the **fingerprint** systems in 1997, but a recent inspector **general** report and demands from state and local law enforcement agencies have given the project renewed...

**2/3,K/41 (Item 13 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06871419 Supplier Number: 57817421 (USE FORMAT 7 FOR FULLTEXT)

**Fingerprint ID system gets embedded. (Direct Fingerprint Reader (DFR) 300 system from Motorola, Identix) (Product Announcement)**

Quan, Margaret

Electronic Engineering Times, p49

Nov 29, 1999

Language: English Record Type: Fulltext

Article Type: Product Announcement

Document Type: Magazine/Journal; Trade

Word Count: 656

... and general manager of Identicator Technology. The subsidiary's work with Motorola will involve several **generations** of smarter and smaller **fingerprint** readers with elements of Identix software **integrated** on-chip. "We will develop software architecture to enable solutions over the Internet and wireless..."

**2/3,K/42 (Item 14 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06808379 Supplier Number: 57587790 (USE FORMAT 7 FOR FULLTEXT)

**SAC Technologies Debuts Latest Biometrics 'Identification' Technology at Fall COMDEX.**

Business Wire, p4093

Nov 16, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1153

... a leading biometric 'Identification' technology development company, today announced the debut of its latest 6th- **generation** ID.ME(TM) **biometric** identification **fingerprint** reader with **integrated**

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applications, featuring Bio-Key(TM) technology at the Fall 1999 COMDEX trade show in Las...

**2/3,K/43 (Item 15 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06362594 Supplier Number: 54713755 (USE FORMAT 7 FOR FULLTEXT)  
**Identix and Motorola Announce New Fingerprint Security Technology.**  
Business Wire, p0185  
May 25, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 662

... research and development in digital image capture and represents an opportunity to use our Digital DNA (TM) technology to **integrate biometric** authentication systems across Motorola product lines."

Identix Chairman and Chief Executive Officer Randall C. Fowler...

**2/3,K/44 (Item 16 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06284092 Supplier Number: 54431373 (USE FORMAT 7 FOR FULLTEXT)  
**Smart Cards and Biometric Devices Offer More Users Security and Convenience Worldwide.**  
Business Wire, p0173  
April 21, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 876

... the latest industry changes and the status of the industry's efforts to create a **generic** standard for the easy **integration** and interchangeability of **biometric** devices. The current state of **biometric** applications in banking, welfare, immigration and information security will then be examined. Issues related to...

**2/3,K/45 (Item 17 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06217811 Supplier Number: 54201691 (USE FORMAT 7 FOR FULLTEXT)  
**AuthenTec and Paradise Innovations Announce Partnership.**  
PR Newswire, p1596  
March 24, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 573

... require. It is becoming more and more imperative to replace cumbersome security measures with convenient **fingerprint** identification."

About FingerLoc:

FingerLoc is a highly- **integrated** semiconductor solution that is capable of acquiring **fingerprints** using its next **generation** technology. This is the only technology that goes beyond the surface layers of your

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skin...

**2/3,K/46 (Item 18 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05943640 Supplier Number: 53198045 (USE FORMAT 7 FOR FULLTEXT)

**Sybase and Symbian Unveil Industry-Leading Mobile Database for  
Next-Generation Smartphones.**

PR Newswire, p0036  
Nov 10, 1998

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 740

... will transform Smartphones into 'windows' to the corporate enterprise," said Terry Stepien, Vice President and **General Manager**, Sybase's Mobile and **Embedded** Computing division. "Sybase defined small '**fingerprint**' database technology for palmtop devices, two-way pagers and intelligent appliances, and is pleased to...

**2/3,K/47 (Item 19 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05786401 Supplier Number: 50276102 (USE FORMAT 7 FOR FULLTEXT)

**Sybase and Abaco Team to Bring ERP Business Processes to Mobile Workers and  
Embedded Devices**

PR Newswire, p831LAM039  
August 31, 1998

Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 859

... The cornerstone of these solutions will be Sybase(R) UltraLite(TM) database technology, a small "**fingerprint**" database optimized for next-generation **embedded** devices. Through Abaco's The Bridge for R/3 technology, UltraLite enables two-way data...

**2/3,K/48 (Item 20 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05759041 Supplier Number: 50244319 (USE FORMAT 7 FOR FULLTEXT)

**Digital Biometrics Company and Product Information Now Available On-Line**

PR Newswire, p0813MNTH007  
August 13, 1998

Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 345

... 13/98

/CONTACT: Customer inquiries, Barry Fisher, Vice-President of Sales, Marketing and Business Development - **biometric** products and services,

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612-932-0888 or Joseph VanLoy, General Manager, Integrated Information Solutions Division - systems integration services, 612-315-6403 or Investor Inquiries, John Metil, Chief...

**2/3,K/49 (Item 21 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05586329 Supplier Number: 48456492 (USE FORMAT 7 FOR FULLTEXT)  
**TrueTouch Demonstrates its Biometric Authentication Application Programmers Interface (BAAPI) at CardTech/SecurTech 98**  
PR Newswire, p0430CGTH044  
April 30, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 711

... s ingenious Biometric Authentication Application Programmers Interface (BAAPI) specifically allows users to easily and transparently **integrate** the latest **generation fingerprint** scanner, voice recognition, and face recognition devices with everyday, off-the-shelf software and hardware...

**2/3,K/50 (Item 22 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
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05571600 Supplier Number: 48436990 (USE FORMAT 7 FOR FULLTEXT)  
**TrueTouch Technologies, Inc. (BOOTH #6138) Introduces the 'Biometric Software Suite'**  
PR Newswire, p0421CGTU013  
April 21, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 616

... most popular fingerprint, voice, face, and eye recognition hardware and software. The company's ingenious **Biometric** Software Suite specifically allows users to easily and transparently **integrate** the latest **generation fingerprint** scanner, voice recognition, and face recognition devices with everyday, off-the-shelf software and hardware...

**2/3,K/51 (Item 1 from file: 20)**  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

26571824 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Company Tests Fingerprint-Operated Lockers at St. Paul, Minn., Airport**  
Martin J. Moylan  
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS - SAINT PAUL PIONEER PRESS  
December 13, 2002  
JOURNAL CODE: KSPP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 954

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... German and four other languages, leads travelers through the rental

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process. That includes giving two **fingerprint** scans via a **biometric reader embedded** in the rental station.

**Generally ,** the process takes less than a minute.  
Lockers cost \$2 an hour, with a maximum...

**2/3,K/52 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

25724784 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Curtiss-Wright Teams Up To Offer Next- Generation Integrated Biometric Security Software**

PR NEWSWIRE (US)

October 28, 2002

JOURNAL CODE: WPRU LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 591

**Curtiss-Wright Teams Up To Offer Next- Generation Integrated Biometric Security Software**

**2/3,K/53 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

23309869 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**UK Government: Police service encouraged to make better use of DNA and fingerprint evidence**

M2 PRESSWIRE

June 12, 2002

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 598

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... had been made in some areas but more work needs to be done to fully **integrate** the effective use and management of **fingerprint** and **DNA** identifications into police investigations.

HMI David Blakey said: 'The contribution to the detection of both...

**2/3,K/54 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

23307095 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**POLICE ENCOURAGED TO MAKE BETTER USE OF DNA/FINGERPRINTS**

HERMES-GOVERNMENT PRESS RELEASES

June 12, 2002

JOURNAL CODE: WHER LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 606

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... had been made in some areas but more work needs to be done to fully **integrate** the effective use and management of **fingerprint** and **DNA** identifications into police investigations.

HMI David Blakey said:

'The contribution to the detection of both...

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2/3,K/55 (Item 5 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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20714310 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Weekend (Forensic Science): Finding truth in whorls and ridges - Fingerprints: Murder and the Race to Uncover the Science of Identity.** By Colin Beavan. Fourth Estate, 232pp. (pounds) 14.99stg  
IRISH TIMES  
January 12, 2002  
JOURNAL CODE: FIRT LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 624

...Department used fingerprints to identify 1,117 criminals, six times as many as identified by DNA since it was first used. The FBI's **Integrated Automatic Fingerprint Identification System**, with a data-base of 65 million **fingerprints**, responds annually to 85,000 enquiries.

2/3,K/56 (Item 6 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

08699363 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**SecuGen Corporation Announces a Joint Venture With Business Brain Showa-Ota -BBS- To Establish Secure Generation Japan**  
BUSINESS WIRE  
December 14, 1999  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 531

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and potential. As a first step, we plan to partner with Japanese electronics manufacturers to **integrate** SecuGen's OEM **fingerprint** modules with their products."

Secure **Generation** Japan will market SecuGen's EyeD mouse and other applications in Japan which has won...

2/3,K/57 (Item 7 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

05695286 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**KEYWARE TECHNOLOGIES: Financial sector benefits from Biometrics applications**  
M2 PRESSWIRE  
June 10, 1999  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 512

...a contract with Financial Architects for far-reaching collaboration in the fields of product development, **integration** and promotion of **biometric** technology in banking applications.

The new **generation** of technological developments for banks is based on speech technology and bridges the gap between...

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**2/3,K/58 (Item 8 from file: 20)**  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03417679 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**SYBASE: Sybase and Symbian unveil industryleading mobile database for nextgeneration Smartphones**  
M2 PRESSWIRE  
November 11, 1998  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 788

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... will transform Smartphones into 'windows' to the corporate enterprise," said Terry Stepien, Vice President and **General Manager**, Sybase's Mobile and **Embedded Computing** division. "Sybase defined small '**fingerprint**' database technology for palmtop devices, two-way pagers and intelligent appliances, and is pleased to...

**2/3,K/59 (Item 9 from file: 20)**  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02817355 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**50 States Receive About \$9.7 Million To Improve DNA and Fingerprint Identification Systems**  
PR NEWSWIRE  
September 15, 1998 12:5  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 996

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... integrated with the databases of the FBI's National Crime Information Center (NCIC), the Combined DNA Index System (CODIS) and the **Integrated Automated Fingerprint Identification System (IAFIS)**.  
To obtain additional information on BJA and its programs, you can access...

**2/3,K/60 (Item 10 from file: 20)**  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02653233 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**emWare Joins SAP, Sybase, 3Com, Micron to Demonstrate Internet Device Networking Solution for Vending Machines**  
PR NEWSWIRE  
August 31, 1998  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1375

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... also a key contributor to this demonstration with its UltraLite(TM) database technology, a small "**fingerprint**" database optimized for next-

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**generation embedded devices.** Using UltraLite, developers are able to customize the capabilities of the database to match...

**2/3,K/61 (Item 11 from file: 20)**  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

01539797 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**SAGEM and HEIMANN Enter Strategic Agreement to Market Advanced Live Scan Finger and Palm Print System**  
BUSINESS WIRE  
May 04, 1998 15:13  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 577

... have entered into a long-term Strategic Alliance to develop, manufacture and market a new **generation** finger and **palmprint** live scan system. Known as the **Integrated** Live Scan System, or ILS2, this revolutionary product provides law enforcement and civil agencies with...

**2/3,K/62 (Item 12 from file: 20)**  
DIALOG(R) File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

01299935 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Digital Biometrics Announces Reseller Agreement With Data General PR NEWSWIRE**  
March 31, 1998 19:15  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 544

... General's enterprise Windows NT and UNIX based AViON server line. IIS is the systems **integration** business unit of Digital **Biometrics**. The Data **General** relationship expands the ability of IIS to offer total solutions, including servers, to mission-critical...

**2/3,K/63 (Item 1 from file: 21)**  
DIALOG(R) File 21:NCJRS  
(c) format only 2003 The Dialog Corporation . All rts. reserv.

162649  
**TITLE: Enhancing the Use of Technology in Law Enforcement (From Counterdrug Law Enforcement: Applied Technology for Improved Operational Effectiveness International Technology Symposium, Part 1, P 4-53 - 4-56, 1995, Albert E Brandenstein, ed.)**  
AUTHOR(S): McLean-Lipinski, J R  
1995 4 p  
COUNTRY OF PUBLICATION: United States  
AVAILABILITY: U.S. Executive Office of the President, Office of National Drug Control Policy Washington, DC 20500  
AVAILABILITY INSTITUTION CODE(S): B2274

**2/3,K/64 (Item 1 from file: 34)**  
DIALOG(R) File 34:SciSearch(R) Cited Ref Sci  
(c) 2003 Inst for Sci Info. All rts. reserv.

Search Report from Ginger R. DeMille

11370280 Genuine Article#: BW08A No. References: 4  
**Title: Short 3-secure fingerprinting codes for copyright protection**  
Author(s): Sebe R (REPRINT) ; Domingo-Ferrer J  
Corporate Source: Univ Rovira & Virgili, Dept Comp Engn & Math, Av Paisos Catalans 26/E-43007 Tarragona/Catalonia/Spain/ (REPRINT); Univ Rovira & Virgili, Dept Comp Engn & Math, E-43007 Tarragona/Catalonia/Spain/, 2002, V2384, P316-327  
ISSN: 0302-9743 Publication date: 20020000  
Publisher: SPRINGER-VERLAG BERLIN, HEIDELBERGER PLATZ 3, D-14197 BERLIN, GERMANY INFORMATION SECURITY AND PRIVACY  
Series: LECTURE NOTES IN COMPUTER SCIENCE  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: buyers is achieved with a codeword length dramatically shorter than the one required by the **general** Boneh-Shaw construction. Thus the proposed **fingerprint**s require much less **embedding** capacity. Due to their very clandestine nature, collusions tend to involve a small number of...

2/3,K/65 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2003 Inst for Sci Info. All rts. reserv.

03661345 Genuine Article#: PV520 No. References: 54  
**Title: EVOLUTION OF GENETIC DIVERSITY DURING THE DOMESTICATION OF COMMON-BEAN (PHASEOLUS-VULGARIS L)**  
Author(s): SONNANTE G; STOCKTON T; NODARI RO; VELASQUEZ VLB; GEPTS P  
Corporate Source: UNIV CALIF DAVIS, DEPT AGRON & RANGE SCI/DAVIS//CA/95616; UNIV CALIF DAVIS, DEPT AGRON & RANGE SCI/DAVIS//CA/95616  
Journal: THEORETICAL AND APPLIED GENETICS, 1994, V89, N5 (NOV), P629-635  
ISSN: 0040-5752  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Identifiers-- **INTEGRATED LINKAGE MAP; DNA FINGERPRINTS; HYPERVARIABLE MINISATELLITES; WILD; FABACEAE; VARIABILITY; PROBES; POPULATIONS; CULTIVARS; SEQUENCES**

2/3,K/66 (Item 3 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2003 Inst for Sci Info. All rts. reserv.

02691022 Genuine Article#: LW950 No. References: 28  
**Title: USE OF RANDOM AMPLIFIED POLYMORPHIC DNA (RAPD) FOR GENERATING SPECIFIC DNA PROBES FOR MICROORGANISMS**  
Author(s): FANI R; DAMIANI G; DISERIO C; GALLORI E; GRIFONI A; BAZZICALUPO M  
Corporate Source: UNIV FLORENCE, DIPARTIMENTO BIOL ANIM & GENET, VIA ROMANA 17/I-50125 FLORENCE//ITALY/; CNR, IDVGA/I-20133 MILAN//ITALY/  
Journal: MOLECULAR ECOLOGY, 1993, V2, N4 (AUG), P243-250  
ISSN: 0962-1083  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: molecular biology of the organism (genome) to be investigated. The procedure is based on the **generation** of random amplified polymorphic **DNA** (RAPD) **fingerprint**s using primers with an **embedded** restriction site. The amplification product(s) peculiar to one strain or common to two or...

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2/3,K/67 (Item 1 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

06541580 SUPPLIER NUMBER: 85241351 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Rice. (Science). (Statistical Data Included)**  
Science, 296, 5565, 115  
April 5, 2002  
DOCUMENT TYPE: Statistical Data Included ISSN: 0036-8075  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1169 LINE COUNT: 00121

... multiple private-sector and academic sources. The simulated digest clones in yellow are in silico **fingerprints** of sequenced Pl-derived artificial chromosome (PAC) clones **integrated** into the bacterial artificial chromosome (BAC) physical map. BAC markers derived from the Monsanto draft...

2/3,K/68 (Item 2 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05132007 SUPPLIER NUMBER: 20518140 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Senate starts to re-up Law Enforcement Block Grant. (Senator Michael DeWine is sponsoring a bill to reauthorize the Local Law Enforcement Block Grant program for five years and to increase the funding to \$750 million) (Brief Article)**  
Quist, Janet  
Nation's Cities Weekly, v21, n15, p13(1)  
April 13, 1998  
DOCUMENT TYPE: Brief Article ISSN: 0164-5935 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 695 LINE COUNT: 00059

... go to a State Identification Systems Grant program for information and identification technology, including the **Integrated** Automated **Fingerprint** Identification System (IAFIS), DNA, and ballistics systems. Another 3 percent would be for use by the National Institute of...

2/3,K/69 (Item 3 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

04281308 SUPPLIER NUMBER: 17134414 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Senate anti-terrorism act offers little for cities.**  
Quist, Janet  
Nation's Cities Weekly, v18, n24, p3(1)  
June 12, 1995  
ISSN: 0164-5935 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 570 LINE COUNT: 00050

... are compatible and integrated with the Drugfire Program of the FBI; the capability to analyze DNA in a forensic laboratory in ways that are compatible and **integrated** with the combined FBI DNA Identification System (CODIS); and automated **fingerprint** identifications systems that are compatible and **integrated** with the FBI's **Integrated** Automated **Fingerprint** Identification System (IAFIS).

Search Report from Ginger R. DeMille

Other key provisions contained in the bill would prohibit U.S. assistance...

2/3,K/70 (Item 1 from file: 50)  
DIALOG(R) File 50:CAB Abstracts  
(c) 2003 CAB International. All rts. reserv.

04264501 CAB Accession Number: 20023098856  
**Genomic approaches to molecular breeding of resistance to soyabean sudden death syndrome and cyst nematode in elite cultivars.**  
Triwitayakorn, K. T.; Jamai, A.; Schulz, J.; Iqbal, J.; Meksem, K.; Town, C.; Lightfoot, D. A.  
Department of Plant Soil and General Agriculture, Southern Illinois University at Carbondale, Carbondale, IL, 62901-4415, USA.  
Conference Title: Anais do II Congresso Brasileiro de Soja e Mercosojá, 3-6 junho 2002, Foz do Iguacu, PR, Brazil.  
Documentos - Embrapa Soja (No.180): p.70-71  
Publication Year: 2002  
ISSN: 1516-781X  
Publisher: Embrapa Centro Nacional de Pesquisa de Soja -- Londrina, Brazil  
Language: English  
Document Type: Bulletin article; Conference paper

--  
... gene-rich islands in complex genomes providing an alternative strategy to whole genome sequencing. A **fingerprint**-based method for the mapping of soyabean genome **integrated** with **gene** mapping is also outlined.

2/3,K/71 (Item 2 from file: 50)  
DIALOG(R) File 50:CAB Abstracts  
(c) 2003 CAB International. All rts. reserv.

02261087 CAB Accession Number: 901612635  
**Detection and measurement of selection: genetic and ecological approaches.**  
Ennos, R. A.  
Department of Forestry & Natural Resources, University of Edinburgh, Mayfield Road, Edinburgh EH9 3JU, UK.  
Book Title: Plant population genetics, breeding, and genetic resources p.200-214  
Publication Year: 1990  
Editors: Brown, A. H. D.; Clegg, M. T.; Kahler, A. L.; Weir, B. S.  
Publisher: Sinauer Associates Inc. -- Sunderland, Massachusetts, USA  
ISBN: 0-87893-117-1 (paperback); 0-87893-116-3 (hardback)  
Language: English  
Document Type: Book chapter

--  
Under **genetic** approaches, several selection models are discussed involving either population or **biometrical genetics**. These are subsequently **integrated** with ecological approaches in cases where several important interactions have been studied, such as those...

2/3,K/72 (Item 1 from file: 53)  
DIALOG(R) File 53:FOODLINE(R): Food Science & Technology

Search Report from Ginger R. DeMille

(c) 2003 LFRA. All rts. reserv.

00707614 FOODLINE ACCESSION NUMBER: 350240

Differentiation of *Staphylococcus* species by polymerase chain reaction-based DNA fingerprinting.

Matthews K R; Oliver S P

Journal of Food Protection 57 (6), 486-489 (14 ref.)

1994

ISSN NO: 0362-028X

LANGUAGE: English

DOCUMENT TYPE: Journal article

...ABSTRACT: Profiles were discrete and reproducible for each species.

Using the occurrence of primary and secondary **DNA** fragments for a species, a simple identification scheme was developed. **DNA**

**fingerprint** profiles were compared and evaluated using a computer-integrated scanning laser densitometer. PCR-based DNA fingerprinting was suitable for typing *Staphylococcus* species isolated frequently...

2/3,K/73 (Item 1 from file: 73)

DIALOG(R) File 73:EMBASE

(c) 2003 Elsevier Science B.V. All rts. reserv.

05282205 EMBASE No: 1993050290

**Quality of life - Demands and reality as medical parameters versus quality of life as subject-related reality**

LEBENSQUALITAT - ANSPRUCH UND WIRKLICHKEIT ALS MEDIZINISCHER PARAMETER VERSUS LEBENSQUALITAT ALS SUBJEKTBEZOGENE WIRKLICHKEIT

Meran J.G.

Abteilung fur Hamatologie, Medizinische Hochschule, D-3000 Hannover 61 Germany

Wiener Medizinische Wochenschrift ( WIEN. MED. WOCHENSCHR. ) (Austria) 1992, 142/23-24 (539-543)

CODEN: WMWOA ISSN: 0043-5341

DOCUMENT TYPE: Journal; Review

LANGUAGE: GERMAN SUMMARY LANGUAGE: GERMAN; ENGLISH

...been concluded. The acceptance of QL-registration within clinical studies is low, since the individual **integration** of values compared to the **biometric** difficulties can hardly be **generalized**. The aims of QL-research are: the individual focus on the field of projection of...

2/3,K/74 (Item 1 from file: 88)

DIALOG(R) File 88:Gale Group Business A.R.T.S.

(c) 2003 The Gale Group. All rts. reserv.

06047972 SUPPLIER NUMBER: 82393299

"Smart" Guns: A technological fix for regulating the secondary market.

Cook, Philip J.; Leitzel, James A.

Contemporary Economic Policy, '20, 1, 38(12)

Jan, 2002

ISSN: 1074-3529 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 8904 LINE COUNT: 00736

... wristband that transmits a radio signal to a receiver built into the gun, a unique **fingerprint** recognized by a computer chip **embedded** in the gun, a **sequence** of numbers on a keypad on the handle of the gun, or even a voice...

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**2/3,K/75 (Item 2 from file: 88)**

DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2003 The Gale Group. All rts. reserv.

05815499 SUPPLIER NUMBER: 75917844

**PROOF POSITIVE. (DNA evidence, civil liberties)**

Lyons, Donna; Burton, Molly  
State Legislatures, 27, 6, 10  
June, 2001

ISSN: 0147-6041 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 5315 LINE COUNT: 00413

... crimes where this information has been stored in databanks.

Judge Reinsteins foresees the day when DNA databanks will be comparable to the **fingerprint** records currently stored in the Federal Bureau of Investigation's **Integrated Automated Fingerprint Identification System**.

At least three states addressed DNA technology by opting to extend or repeal the statute of limitations for certain offenses if...

**2/3,K/76 (Item 1 from file: 89)**

DIALOG(R)File 89:GeoRef  
(c) 2003 American Geological Institute. All rts. reserv.

02409581 GEOREF: 00-072381

TITLE: **Applications of oil fingerprinting on Barrow Island, Carnarvon Basin, Australia**

AUTHOR(S): Minifie, Sandra A.; Clark, Paul A.; Pitchford, Andrew  
CORPORATE SOURCE: West Australian Petroleum, Perth, West. Aust.,  
Australia

MONOGRAPH TITLE: **AAPG international conference and exhibition; abstracts**

AUTHOR(S): Anonymous

CONFERENCE TITLE: AAPG international conference and exhibition

CONFERENCE LOCATION: Bali, Indonesia,

CONFERENCE DATE: Oct. 15-18, 2000

PUBLISHER: American Association of Petroleum Geologists, Tulsa, OK, United States

SOURCE: AAPG Bulletin vol. 84 no. 9; p. 1466

DATE: 200009

CODEN: AABUD2 ISSN: 0149-1423

LANGUAGE: English

...ABSTRACT: of additional Barrow Island oil reserves. Oil fingerprinting highlighted an anomaly between the oil and generic fingerprints for the interval perforated in well B28. The integration of reservoir geochemistry and geological modelling focussed the drilling programme and a new oil discovery...

**2/3,K/77 (Item 1 from file: 98)**

DIALOG(R)File 98:General Sci Abs/Full-Text  
(c) 2003 The HW Wilson Co. All rts. reserv.

03764524 H.W. WILSON RECORD NUMBER: BGSI98014524

**Developmental psychopathology, personality, and temperament: reflections on recent behavioral genetics research.**

Nigg, Joel T

Search Report from Ginger R. DeMille

Goldsmith, H. Hill  
Human Biology (Hum Biol) v. 70 no2 (Apr. '98) p. 387-412  
SPECIAL FEATURES: bibl ISSN: 0018-7143  
LANGUAGE: English  
COUNTRY OF PUBLICATION: United States

...ABSTRACT: comorbidity in psychopathology indicates that some, but not all, comorbidities can be accounted for by **genetic** variation. Routine complementary **integration** of the findings of **biometric** behavioral and molecular studies can be expected in the near future.

2/3,K/78 (Item 1 from file: 103)  
DIALOG(R) File 103:Energy SciTec  
(c) 2003 Contains copyrighted material. All rts. reserv.

03810039 EDB-95-053807

**Title: Integrated molecular toxicology assays for determining toxicity of environmental contaminants**

Author(s): Abbott, T.M.; Orser, C.; Sommers, C.; Todd, M.; Farr, S. (Xenometrix, Inc., Boulder, CO (United States)); Lazorchak, J.M. (Environmental Protection Agency, Cincinnati, OH (United States). Environmental Monitoring Systems Lab.)

**Title: Society of Environmental Toxicology and Chemistry 15th annual meeting: Abstract book. Ecological risk: Science, policy, law, and perception**

Conference Title: 15. annual meeting of the Society of Environmental Toxicology and Chemistry (SETAC)

Conference Location: Denver, CO (United States) Conference Date: 30 Oct - 3 Nov 1994

Publisher: Pensacola, FL (United States) Society of Environmental Toxicology and Chemistry

Publication Date: 1994

p 97 (286 p)

Report Number(s): CONF-9410273--

Language: English

...Abstract: EPA using traditional chemical analyses and the whole effluent toxicity (WET) test. Results of the **integrative** toxicity ''**fingerprint** '' consisting of specific **genetic** and cellular responses indicated the landfill leachates contained both heavy metals and organics causing multiple...

2/3,K/79 (Item 2 from file: 103)  
DIALOG(R) File 103:Energy SciTec  
(c) 2003 Contains copyrighted material. All rts. reserv.

03810033 EDB-95-053801

**Title: Use of in vitro toxicology assays for determining toxicity of chemicals and environmental contaminants**

Author(s): Sommers, C.H.; Orser, T.C.; Mackay, W.; Gee, P.; Benjamin, M.; Farr, S.B. (Xenometrix, Inc., Boulder, CO (United States))

**Title: Society of Environmental Toxicology and Chemistry 15th annual meeting: Abstract book. Ecological risk: Science, policy, law, and perception**

Conference Title: 15. annual meeting of the Society of Environmental Toxicology and Chemistry (SETAC)

Conference Location: Denver, CO (United States) Conference Date: 30 Oct - 3 Nov 1994

Publisher: Pensacola, FL (United States) Society of Environmental

Search Report from Ginger R. DeMille

Toxicology and Chemistry  
Publication Date: 1994  
p 98 (286 p)  
Report Number(s): CONF-9410273--  
Language: English

...Abstract: include a number organic solvents and metals which are listed as priority pollutants. Each assay **generates** a specific '' **fingerprint** '' of induction for a given compound. **Integrated** '' **fingerprints** '' will be presented. Results from multiple assays provide a significant increase in the ability to...

2/3,K/80 (Item 1 from file: 141)  
DIALOG(R) File 141:Readers Guide  
(c) 2003 The HW Wilson Co. All rts. reserv.

05004931 H.W. WILSON RECORD NUMBER: BRGA03004931 (USE FORMAT 7 FOR FULLTEXT)  
**Scratch Match.**  
Fischetti, Mark.  
Scientific American v. 288 no1 (Jan. 2003) p. 86-7  
WORD COUNT: 911

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
... MATCHMAKERS: The FBI is gradually expanding three nascent national databases to help forensic investigators. The **Integrated** Automated **Fingerprint** Identification System houses 40 million sets of **fingerprints** of prior suspects and convicted criminals. The Combined **DNA** Index System has

2/3,K/81 (Item 2 from file: 141)  
DIALOG(R) File 141:Readers Guide  
(c) 2003 The HW Wilson Co. All rts. reserv.

04863012 H.W. WILSON RECORD NUMBER: BRGA02113012 (USE FORMAT 7 FOR FULLTEXT)  
**How Science Solves Crimes.**  
AUGMENTED TITLE: Cover story  
Kluger, Jeffrey.  
Time v. 160 no17 (Oct. 21 2002) p. 36-40, 43, 45  
WORD COUNT: 4307

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
... gun ever used in a crime. Early versions of each of these databases--the Combined **DNA** Index System (CODIS), the National **Integrated** Ballistics Information Network (NIBIN) and the **Integrated** Automated **Fingerprint** Identification System (IAFIS)--already exist, but they are not yet all fully operational.  
The ballistics...

2/3,K/82 (Item 1 from file: 144)  
DIALOG(R) File 144:Pascal  
(c) 2003 INIST/CNRS. All rts. reserv.

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15744006 PASCAL No.: 02-0455689  
**Construction of concentration measures for general Lorenz curves using Riemann-Stieltjes integrals**  
EGGHE L  
LUC, Universitaire Campus, 3590 Diepenbeek, Belgium; UIA,  
Universiteitsplein 1, 2610 Wilrijk, Belgium  
Journal: Mathematical and computer modelling, 2002, 35 (9-10) 1149-1163  
Language: English

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English Descriptors: Riemann function; Integral; Stieltjes integral;  
Concentration measurement; Lorenz model; **Generalized** function;  
**Generalized** inverse; **Integrator**; Curve; Econometrics; Distribution  
function; **Biometrics**; Species; Informetrics; Convex function;  
Functional; Lorenz curve; Riemann Stieltjes integral; polygonal curve

**2/3,K/83 (Item 2 from file: 144)**

DIALOG(R) File 144:Pascal  
(c) 2003 INIST/CNRS. All rts. reserv.

15336130 PASCAL No.: 02-0022809  
**ibutton enrolment and verification requirements for the pressure sequence smartcard biometric**  
**E-smart 2001 : smart card programming and security : Cannes, 19-21 September 2001**  
HENDERSON Neil J; WHITE Neil M; HARTEL Pieter H  
ATTALI Isabelle, ed; JENSEN Thomas, ed  
Department of Electronics and Computer Science, University of Southampton  
, Southampton SO17 1BJ, United Kingdom; Department of Computer Science,  
University of Twente, Netherlands  
International conference on research in smart cards (Cannes FRA)  
2001-09-19  
Journal: Lecture notes in computer science, 2001, 2140 124-134  
Language: English

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... need to restrict access to the card itself. In previous work we proposed the pressure **sequence biometric**, within which a **biometric** sensor is **integrated** onto the card in a low-cost and mechanically compliant manner. Using an off-card...

**2/3,K/84 (Item 1 from file: 148)**  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

14657600 SUPPLIER NUMBER: 87103900 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Touch and go: swapping PINs for fingerprints; fingerprint sensors provide a feasible means of validating identities in a range of situations. (Cover Story)**  
Prophet, Graham  
EDN, 47, 11, 34(8)  
May 16, 2002  
DOCUMENT TYPE: Cover Story ISSN: 0012-7515 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 5982 LINE COUNT: 00477

Search Report from Ginger R. DeMille

... in the Web version of this article at [www.ednmag.com](http://www.ednmag.com)).

**A NEW ROLE FOR FINGERPRINTS**

In **general**, the sensors and techniques discussed here for forthcoming **embedded** applications have only a limited relationship to the law-enforcement use of fingerprints. Determining to...

**2/3,K/85 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

11781072 SUPPLIER NUMBER: 58361833 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IN BRIEF.**

Contractor, 46, 12, 5

Dec, 1999

ISSN: 0897-7135 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 312 LINE COUNT: 00031

... partnered with 10 major corporations and institutions to explore human-machine interface, artificial intelligence, energy **generation**, communication, **biometric** sensing and robotics for **integration** in the home.

\* The 1999 Construction Industry Safety Excellence Award was presented to the Mechanical...

**2/3,K/86 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07657212 SUPPLIER NUMBER: 16220359 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**TRW to provide United Kingdom's National Automated Fingerprint**

**Identification System.**

Business Wire, p01231339

Jan 23, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 567 LINE COUNT: 00050

... using TRW's accurate, high performance fingerprint processing modules," said Grady Wright, vice president and **general** manager of TRW **Integrated** Engineering Division. "The NAFIS design enables **fingerprint** officers to perform more identifications and provides significant improvements in operational productivity for all the...

**2/3,K/87 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04807066 SUPPLIER NUMBER: 09373597 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Vacationing in la-la land. (vacation spots near Anaheim, California)**

**(Advance: 1990 International Dairy Show)**  
Dairy Foods, v91, n7, pSS3(2)

July, 1990

ISSN: 0888-0050 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 724 LINE COUNT: 00055

... roof, stone guard dogs, metal towers, Asian masks and beautiful bas-reliefs--the theater is **generally** known for its sidewalk. **Embedded**

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in the cement forecourt are the **handprints** and footprints of Hollywood's greatest stars, including Jimmy Stewart and Cary Grant.

For nature...

**2/3,K/88 (Item 1 from file: 155)**

DIALOG(R)File 155: MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

07751026 93206513 PMID: 1296398

[**Quality of life--demands and reality as a medical parameter versus quality of life as individual reality**]

Lebensqualität--Anspruch und Wirklichkeit als medizinischer Parameter versus Lebensqualität als subjektbezogene Wirklichkeit.

Meran J G

Abteilung Hamatologie und Onkologie des Zentrums Innere Medizin, Medizinischen Hochschule Hannover, Deutschland.

Wiener medizinische Wochenschrift (1946) (AUSTRIA) 1992, 142 (23-24) p539-43, ISSN 0043-5341 Journal Code: 8708475

Document type: Journal Article ; English Abstract

Languages: GERMAN

Main Citation Owner: NLM

Record type: Completed

... been concluded. The acceptance of QL-registration within clinical studies is low, since the individual **integration** of values compared to the **biometric** difficulties can hardly be **generalized**. The aims of QL-research are: the individual focus on the field of projection of...

**2/3,K/89 (Item 1 from file: 180)**

DIALOG(R)File 180: Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 03137508 Supplier Number: 67211070

**Meeting of the CJIS Advisory Policy Board**

Volume: 67 Issue: 211 Page: 66422

CITATION NUMBER: 67 FR 66422

Date: Thursday, October 31, 2002

... establish a public website for National Crime Information Center "Property and Wanted Person Files"; and DNA Indicator in the Interstate Identification Index segment of the Integrated Automated Fingerprint Identification System (IAFIS). Discussion will also include the status on the National Crime Prevention and...

**2/3,K/90 (Item 2 from file: 180)**

DIALOG(R)File 180: Federal Register

(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 03044678 Supplier Number: 65166032

**Announcement of Meeting and Opportunity to Join the Biometric Interoperability, Performance, and Assurance Working Group**

Volume: 65 Issue: 166 Page: 51797

CITATION NUMBER: 65 FR 51797

Date: Friday, August 25, 2000

TEXT:

... activities among its members, and informational activities as required;

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(4) Developing functional specifications, measurements, test sequences, demonstrations, corresponding publications and other activities as required; (5) Biometrics integration with other technologies (e.g., smart cards and PKI) may impose additional performance metrics and...

**2/3,K/91 (Item 3 from file: 180)**

DIALOG(R) File 180:Federal Register  
(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02456171 Supplier Number: 980502547  
**Bureau of Justice Statistics; National Criminal History Improvement Program (NCHIP)**  
Volume: 63 Issue: 101 Page: 29025  
**CITATION NUMBER: 63 FR 29025**  
Date: WEDNESDAY, MAY 27, 1998

TEXT:

... DNA in a forensic laboratory in ways that are compatible and integrated with the combined DNA Identification System (CODIS) of the FBI; and (C) automated fingerprint identification systems that are compatible and integrated with the Integrated Automated Fingerprint Identification System (IAFIS) of the FBI." NCHIP applications should insure that efforts under these programs...

**2/3,K/92 (Item 4 from file: 180)**

DIALOG(R) File 180:Federal Register  
(c) 2003 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02422786 Supplier Number: 970702656  
**National Criminal History Improvement Program (NCHIP)**  
Volume: 62 Issue: 143 Page: 40109  
**CITATION NUMBER: 62 FR 40109**  
Date: FRIDAY, JULY 25, 1997

TEXT:

... DNA \* \* \* in a forensic laboratory in ways that are compatible and integrated with the combined DNA Identification System (CODIS) of the FBI; and, (c) automated fingerprint identification systems that are compatible and integrated with the Integrated Automated Fingerprint Identification System (IAFIS) of the FBI". To ensure coordination between these programs, information copies of...

**2/3,K/93 (Item 1 from file: 195)**

DIALOG(R) File 195:FBODaily  
(c) format only 2003 The Dialog Corp. All rts. reserv.

4688842

**CHARGE AMPLIFIER AND ACCESSORIES (PRESOL) SOL 03-C46-005 DUE 101603 POC**  
Melissa A Merrill, Contract Specialist, Phone (216) 433-6125, Fax (216) 433-5489, Email [Melissa.A.Merrill@nasa.gov](mailto:Melissa.A.Merrill@nasa.gov) WEB: Click here for the latest information about this notice <http://prod.nais.nasa.gov/cgi-bin/eps/bizops.cgi?gr=D&pin=22#107677> E-MAIL: Email your questions to Melissa A Merrill [Melissa.A.Merrill@nasa.gov](mailto:Melissa.A.Merrill@nasa.gov) This notice is a combined synopsis/solicitation for commercial item(s) prepared in accordance with the format in FAR part 12, as supplemented with additional information included in this notice. This procurement is being conducted under the Simplified Acquisition Procedures (SAP) set forth in FAR Part 13. This

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announcement constitutes the only solicitation; proposals are being requested and a written solicitation will not be issued. This notice is being issued as a Request for Offer (RFO) for a charge amplifier, multicomponent force kit and connecting cables as follows: 1. Charge amplifier; The charge amplifier shall have 8 channels, processor controlled for rack mounting with summing amplifier 7.615.088 with A/D converter for signal display 5261. 2. Connecting cables; The connecting cable shall have 3 leads; ground isolated, protected by metal tubing and must be 5m in length. 3. Multicomponent force kit; The multicomponent force kit shall have a 0.5m cable. 4. The complete assembly shall consist of 4 matched 3-axis force transducers and associated charge amplifiers. It shall comprise an **integrated bio - metric** measuring system that can measure all forces and moments **generated** by a test article supported by the system. It shall be capable of supporting a minimum of 2000 lbs while resolving moments to less than 1 newton-meter. 5. The force transducers shall have a minimum stiffness of 12 lbs/micro-inch. 6. This equipment shall integrate with existing Kistler force transducers and will be incorporated in an existing test assembly. Therefore the equipment and supplies must be compatible with Kistler equipment. 7. Delivery shall be FOB Destination to NASA Glenn Research Center, 21000 Brookpark Road, Cleveland OH 44135. Offers for the item(s) described above are due by October 16, 2003, 4:30p.m. GRC local time and may be mailed to NASA Glenn Research Center, 21000 Brookpark Road, MS 500-305, Cleveland, OH 44135, and include, solicitation number, FOB destination to this Center, proposed delivery schedule, discount/payment terms, warranty duration (if applicable), Cage Code, taxpayer identification number (TIN) and other Representations and Certifications (52.212-3), identification of any special commercial terms, description of items offered per FAR 52.212-1-Instructions to Offerors-Commercial Items and as modified, and be signed by an authorized company representative. A copy of a published price list, catalog price or computer page printout showing the price for requested items may also be included if desired. (Note, the Contracting Officer may request this information if only 1 source provides a proposal). Offerors are encouraged to use the Standard Form 1449, Solicitation/Contract/Order for Commercial Items form. This form may be obtained via the internet at URL: Informed : <ftp://ftp.hq.nasa.gov/forms/form/sf1449.itp> PDF : [ftp://ftp.hq.nasa.gov/for\\_ms/pdf/sf1449.pdf](ftp://ftp.hq.nasa.gov/for_ms/pdf/sf1449.pdf) Faxed offers are not acceptable due to the required information of 52.212-1. Offerors shall provide the information required by FAR 52.212-1 as amended and the following: 52.212-1 (b) amendment: All offerors shall include full and complete product specifications including technical specifications on all components. Offerors shall also include a list of at least three (3) recent sales of identical or similar equipment, including contact information for the customer, so the Government can verify past performance. If the end product(s) quoted is other than domestic end product(s) as defined in the clause entitled "Buy American Act -- Supplies," the Offerors shall so state and shall list the country of origin. Offerors must provide a completed copy of 52.212-3, Offeror Representation and Certifications - Commercial Items with their quote. FAR 52.212-3 may be obtained via the internet at URL: <http://www.grc.nasa.gov/WWW/Procure/rforms.html> FAR 52.212-4 (Feb 2002), Contract Terms and Conditions-Commercial Items is applicable. FAR 52.212-5 (Apr 2003), Contract Terms and Conditions Required to Implement Statutes or Executive Orders-Commercial Items is applicable. The FAR may be obtained via the Internet at URL: <http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm> Questions regarding this acquisition must be submitted in writing no later than October 7, 2003. Telephone questions will NOT be accepted. Prospective quoters shall notify this office of their intent to submit a quotation. Ombudsman has been appointed -- See NASA Specific Note "B". It is the offeror's responsibility to monitor the following Internet site for the release of solicitation amendments (if any) and for downloading their

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own copy of this combination synopsis/solicitation and amendments  
<http://nais.msfc.nasa.gov/cgi-bin/EPS/bizops.cgi?gr=Cpn=22> Any referenced notes can be viewed at the following URL:  
<http://genesis.gsfc.nasa.gov/nasanote.html> Posted 10/01/03 (fbodaily.com W-SN00445852). (0274)

SPONSOR: NASA/Glenn Research Center, 21000 Brookpark Road, Cleveland, OH 44135

PUBLICATION DATE: October 3, 2003

ISSUE: FBO-0675

... of 4 matched 3-axis force transducers and associated charge amplifiers. It shall comprise an **integrated bio - metric** measuring system that can measure all forces and moments **generated** by a test article supported by the system. It shall be capable of supporting a...

**2/3,K/94 (Item 1 from file: 256)**

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00119563 DOCUMENT TYPE: Review

PRODUCT NAMES: Biometrics (830213)

TITLE: Buyer's Guide: Biometrically Speaking

AUTHOR: Avolio, Frederick M

SOURCE: Network Computing, v10 n17 p116(3) Aug 23, 1999

ISSN: 1046-4468

Homepage: <http://www.NetworkComputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20011126

...user name, compares the new sample against it, and determines if a match is made. **Biometric** systems **generally** require additional components on the PC, and **integration** of **biometric** user verification with installed application can be difficult.

**2/3,K/95 (Item 1 from file: 258)**

DIALOG(R) File 258:AP News Jul  
(c) 2003 Associated Press. All rts. reserv.

01224036 (USE FORMAT 7 FOR FULLTEXT)

**Fingerprint System Will Take Time**

Associated Press

Friday, December 14, 2001 18:41 EST

JOURNAL CODE: AP LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 409

...slip through cracks in border enforcement.

``The department and its components have moved slowly towards **integration** of the two **fingerprint** systems," said Glenn A. Fine,

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inspector general . ``In light of the events of Sept. 11, the need for linkage is more critical...''

**2/3,K/96 (Item 2 from file: 258)**

DIALOG(R) File 258:AP News Jul  
(c) 2003 Associated Press. All rts. reserv.

01222918 (USE FORMAT 7 FOR FULLTEXT)

**Fingerprint system designed to catch suspected terrorists won't be in place for years, Justice Dept. says**

Associated Press

Friday, December 14, 2001 19:26 EST

JOURNAL CODE: AP LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 415

...slip through cracks in border enforcement.

``The department and its components have moved slowly towards integration of the two fingerprint systems," said Glenn A. Fine, inspector general . ``In light of the events of Sept. 11, the need for linkage is more critical...''

**2/3,K/97 (Item 1 from file: 264)**

DIALOG(R) File 264:DIALOG Defense Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00099369

**Curtiss-Wright Teams With ABS For Next- Generation Integrated Biometric S**

Aerospace and Defense

October 28, 2002 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: FORECAST INTERNATIONAL DMS

LANGUAGE: ENGLISH WORD COUNT: 270 RECORD TYPE: FULLTEXT

(c) FORECAST INTERNATIONAL All Rights Reserved

**Curtiss-Wright Teams With ABS For Next- Generation Integrated Biometric S**

**2/3,K/98 (Item 1 from file: 266)**

DIALOG(R) File 266:FEDRIP

Comp & dist by NTIS, Intl Copyright All Rights Res. All rts. reserv.

00300097

IDENTIFYING NO.: 1R44AG22242-01 AGENCY CODE: CRISP  
**Integrated Methods to Discover Novel Disease Pathways**  
PRINCIPAL INVESTIGATOR: DEL MASTRO, RICHARD G  
ADDRESS: RDELMASTRO@GENOMECORP.COM GENOME THERAPEUTICS CORP 100 BEAVER STREET  
PERFORMING ORG.: GENOME THERAPEUTICS CORPORATION, WALTHAM, MASSACHUSETTS  
SPONSORING ORG.: NATIONAL INSTITUTE ON AGING  
DATES: 2008/01/03 TO 2001/31/04 FY : 2003

...SUMMARY: IKW, we will integrate a suite of bioinformatics analysis tools that will be used to generate detailed in silico fingerprints for

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every NEFD **gene** . Furthermore, in Phase I we will **integrate** protein interaction data derived from our yeast two-hybrid experimental platform. Results from these analyses...

2/3,K/99 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02188851 SUPPLIER NUMBER: 20831871 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Police Tech Efforts A Boon To Mobile Data Industry.**  
Newsbytes, n37, pNEW06220025  
June 22, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 859 LINE COUNT: 00076

... systems provide access to a national depository of criminal information. They include the Forensic Laboratory **DNA** Identification System, **Integrated** Automated **Fingerprint** Identification System, and the National Criminal Information Center.

Information sharing efforts also are happening among...

2/3,K/100 (Item 1 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

10405248 2003-0149670  
**E/METHOD AND SYSTEM FOR DELIVERY OF SECURE SOFTWARE LICENSE INFORMATION**  
Inventors: Cronce Paul A (US)  
Assignee: Unassigned Or Assigned To Individual  
Assignee Code: 68000

Kind	Publication Number	Date	Application Number	Date
A1	US 20030149670	20030807	US 200272597	20020205
Priority Applic:			US 200272597	20020205

Non-exemplary Claims: ...of preventing use of the software product on a different computer than that used to **generate** the license request by using a machine **fingerprint embedded** in the license...of preventing use of the software product on a different computer than that used to **generate** the license request by using a machine **fingerprint embedded** in the license the software product on a different computer than that used to **generate** the license request by using a machine **fingerprint embedded** in the license...

2/3,K/101 (Item 2 from file: 340)  
DIALOG(R)File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

10382028 2003-0126448  
**E/METHOD AND SYSTEM FOR BIOMETRIC IMAGE ASSEMBLY FROM MULTIPLE PARTIAL BIOMETRIC FRAME SCANS**  
Inventors: Russo Anthony P (US)  
Assignee: Unassigned Or Assigned To Individual  
Assignee Code: 68000

Search Report from Ginger R. DeMille

	Publication		Application		
Kind	Number	Date	Number	Date	
Continuation of:	A1	US 20030126448	20030703	US 2002194994 US 200299554 US 200299558	20020712 20020313 20020313
Priority Applic:				US 2002194994 US 200299554 US 200299558	20020712 20020313 20020313
Provisional Applic:				US 60-305120	20010712

Non-exemplary Claims: ...111. A method as in claim 109, wherein information identifying characteristics of the **biometric** and its acquisition are **embedded** into the **generated** reconstructed image...

**2/3,K/102 (Item 3 from file: 340)**

DIALOG(R) File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

10265269 2003-0009671

**E/COLLUSION-RESISTANT WATERMARKING AND FINGERPRINTING**

Inventors: Kirovski Darko (US); Malvar Henrique (US); Yacobi Yacov (US)  
Assignee: Unassigned Or Assigned To Individual  
Assignee Code: 68000

	Publication		Application		
Kind	Number	Date	Number	Date	
Priority Applic:	A1	US 20030009671	20030109	US 2001841159 US 2001841159	20010423 20010423

Exemplary Claim: ...W I N G

1. A method for protecting a digital good, the method comprising: **generating** a **fingerprint**, the **fingerprint** being associated with a watermark; **embedding** the watermark into a digital good without **embedding** the **fingerprint**.

Non-exemplary Claims: ...one or more individual segments of the multiple segments: obtaining a pseudorandom, segment-associated watermark; **generating** a segment-associated **fingerprint**, the **fingerprint** being associated with the segment-associated watermark; **embedding** the segment-associated watermark into its associated segment of the digital good...56. A system for facilitating the protection of digital goods, the system comprising: a key **generation** entity configured to **generate** pseudorandom watermarks and **fingerprints**; a marker configured to **embed** the watermark into a digital good, wherein the **fingerprint** is not **embedded** into the digital good...medium having computer-executable instructions that, when executed by a computer, performs the method comprising: **generating** a **fingerprint**, the **fingerprint** being associated with a watermark; **embedding** the watermark into a digital good without **embedding** the **fingerprint**.

**2/3,K/103 (Item 4 from file: 340)**

DIALOG(R) File 340:CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

Search Report from Ginger R. DeMille

10153504 2002-0097145

**E/INTEGRATED VEHICLE SECURITY SYSTEM UTILIZING FACIAL IMAGE VERIFICATION**

Inventors: COLTON WAYNE J (US); TUMEY DAVID M (US)

Assignee: Unassigned Or Assigned To Individual

Assignee Code: 68000

Kind	Publication Number	Date	Application Number	Date
A1	US 20020097145	20020725	US 97964699	19971106
Priority Applic:			US 97964699	19971106

Exemplary Claim: D R A W I N G

1. An **integrated biometric** vehicle security system, comprising: an image acquisition device adapted to **generate** at least one signal relative to a human facial image; a processor associated with said...

**2/3,K/104 (Item 5 from file: 340)**

DIALOG(R) File 340: CLAIMS(R)/US Patent

(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3374042 4136759

**E/GLOBAL HOSTING SYSTEM**

Inventors: Leighton F Thomson (US); Lewin Daniel M (US)

Assignee: Massachusetts Institute of Technology

Assignee Code: 52912

Kind	Publication Number	Date	Application Number	Date
A	US 6108703	20000822	US 99314863	19990519
	(Cited in 003 later patents)			
Priority Applic:			US 99314863	19990519
Provisional Applic:			US 60-92710	19980714
Calculated Expiration:	20190519			
CERTIFICATE OF CORRECTION:	20010515			

Non-exemplary Claims: ...29. The method as described in claim 23 wherein the modified URL also includes a **fingerprint** value **generated** by applying a given function to the **embedded** object...

**2/3,K/105 (Item 6 from file: 340)**

DIALOG(R) File 340: CLAIMS(R)/US Patent

(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3363172 4128726

**M/MACHINE INCLUDING VIBRATION AND SHOCK RESISTANT FINGERPRINT SENSOR AND RELATED METHODS**

Inventors: Schmitt John C (US); Setlak Dale R (US)

Assignee: Authentec Inc

Kind	Publication Number	Date	Application Number	Date
A	US 6098330	20000808	US 97858143	19970516
	(Cited in 001 later patents)			

Search Report from Ginger R. DeMille

Priority Applic:

US 97858143 19970516

Calculated Expiration: 20170516  
CERTIFICATE OF CORRECTION: 20010417

Abstract: ...a sensed fingerprint with the stored data. The machine may also be a firearm which generates a substantial shock upon firing. The integrated circuit fingerprint sensor may be carried by the housing and may cooperate with the firearm safety lock...

**2/3,K/106 (Item 7 from file: 340)**

DIALOG(R) File 340: CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3256444 4046932

**M/METHOD OF SECURELY STORING AND RETRIEVING MONETARY DATA; Secure storage of monetary data in a storage medium and later retrieval via smart card without another interaction with the issuer; saves on smart card storage space, ensures validity, saves time and costs**

Inventors: Bosselaers Antoon Wilfried Jan (BE); De Rooij Peter Jacobus Nicolaas (BE)

Assignee: Koninklijke KPN N V NL

Assignee Code: 52295

Publication Kind	Number	Date	Application Number	Date
A	US 6003764	19991221	US 97799627	19970212
(Cited in 001 later patents)				

Priority Applic: EP 96200324 19960212

Calculated Expiration: 20170212

Exemplary Claim: ...in the electronic wallet; (d) receiving the commitment (A) in the integrated circuit card; (e) generating, in the integrated circuit card, an identification value (C) and a fingerprint (E) of the identification value (C) which identifies the identification value (C) but from which...

**2/3,K/107 (Item 8 from file: 340)**

DIALOG(R) File 340: CLAIMS(R)/US Patent  
(c) 2003 IFI/CLAIMS(R). All rts. reserv.

3205198 4009160

**E/ENHANCED SECURITY FINGERPRINT SENSOR PACKAGE AND RELATED METHODS**

Inventors: van Vonno Nicolaas W (US); Hewitt Charles L (US); McCalley Karl W (US); Setlak Dale R (US); Wilson Steven D (US)

Assignee: Harris Corp

Assignee Code: 37538 (REASSIGNED - See file 123 for details)

Publication Kind	Number	Date	Application Number	Date
A	US 5956415	19990921	US 96592472	19960126
(Cited in 001 later patents)				

Priority Applic: US 96592472 19960126

Calculated Expiration: 20160126

Search Report from Ginger R. DeMille

CERTIFICATE OF CORRECTION: 20000201

Exemplary Claim: ...image signal; and encrypting output means mounted within said housing and operatively connected to said **integrated** circuit **fingerprint** sensor for **generating** an encrypted output signal related to a sensed fingerprint; said tamper-resistant housing comprising a...

Non-exemplary Claims: ...image signal; and encrypting output means mounted within said housing and operatively connected to said **integrated** circuit **fingerprint** sensor for **generating** an encrypted output signal related to a sensed fingerprint; said housing comprising a body of...

**2/3,K/108 (Item 1 from file: 344)**

DIALOG(R) File 344:Chinese Patents Abs  
(c) 2003 European Patent Office. All rts. reserv.

4343447

**SINGLE-UNIT MULTI-CONTROL METHOD FOR NETWORKED FINGERPRINT LOCK**

Patent Assignee: HONGDA PHOTOELECTRIC AND BIO S (CN)

Author (Inventor): LI WANG (CN); XIANBIN HOU (CN); JIAWEI WANG (CN)

Patent Family:

CC	Number	Kind	Date
CN	1373448	A	20021009 (Basic)

Application Data:

CC	Number	Kind	Date
*CN	2002109427	A	20020403

**2/3,K/109 (Item 1 from file: 347)**

DIALOG(R) File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

06988470 \*\*Image available\*\*

**BIOMETRICS INPUTTING DEVICE AND BIOMETRICS COLLATING DEVICE**

PUB. NO.: 2001-216045 [JP 2001216045 A]

PUBLISHED: August 10, 2001 (20010810)

INVENTOR(s): UCHIDA KAORU

APPLICANT(s): NEC CORP

APPL. NO.: 2000-025816 [JP 200025816]

FILED: February 03, 2000 (20000203)

**ABSTRACT**

... provide a biometrics inputting device capable of surely verifying a person himself or herself without **generating** any security hole even when **biometrics** inputting part and processing part are not necessarily **integrated**.

**SOLUTION:** A **fingerprint** sensor 11 photographs a **fingerprint** picture when a finger is touched, and converts the photographed input picture into digital data...

**2/3,K/110 (Item 1 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01592801

**Methods for protein analysis using protein capture arrays**

Search Report from Ginger R. DeMille

**Verfahren zur Proteinanalyse durch Protein bindende Arrays**

**Methodes d'analyse des protéines qui utilisent des réseaux de capture**

**PATENT ASSIGNEE:**

Centre National de Genotypage, (3308971), 2, rue Gaston Cremieux, 91000  
Evry, (FR), (Applicant designated States: all)

**INVENTOR:**

Gut, Yvo Glynne, 18 rue du Moulin Vert, 75014 Paris, (FR)

**LEGAL REPRESENTATIVE:**

Warcoin, Jacques et al (19071), Cabinet Regimbeau 20, rue de Chazelles,  
75847 Paris cedex 17, (FR)

**PATENT (CC, No, Kind, Date): EP 1319954 A1 030618 (Basic)**

**APPLICATION (CC, No, Date): EP 2001403216 011212;**

**DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR**

**EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI**

**INTERNATIONAL PATENT CLASS: G01N-033/68; C07K-017/00**

**ABSTRACT WORD COUNT: 105**

**NOTE:**

Figure number on first page: NONE

**LANGUAGE (Publication, Procedural, Application): English; English; English**

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200325	1254
SPEC A	(English)	200325	7678
Total word count - document A			8932
Total word count - document B			0
Total word count - documents A + B			8932

...SPECIFICATION enzymes or reagent cleavage  
(<http://bioweb.pasteur.fr/seqanal/interfaces/digest.html>). Databases  
exist that integrate whole sequence DNA translated into theoretical  
protein peptides fingerprints, such as Mowse or Mascot, distributed by  
Matrix Science (London, UK, [www.matrixscience.com](http://www.matrixscience.com))  
Starting...

**2/3,K/111 (Item 2 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

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01549320

**Digital content distribution**

**Verteilen von digitalen Inhalten**

**Distribution de contenu numérique**

**PATENT ASSIGNEE:**

SONY UNITED KINGDOM LIMITED, (1630600), The Heights, Brooklands,  
Weybridge KT13 0XW, (GB), (Applicant designated States: all)

**INVENTOR:**

Stone, Jonathan James, 39 Groves Lea, Mortimer, Reading, Berkshire RG7  
3SS, (GB)

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4DU, (GB)

Keating, Stephen Mark, 28 Huntingdon Close, Lower Earley, Reading,  
Berkshire RG6 3AB, (GB)

Tapson, Daniel Warren, 4 Kingfisher Court, Kingsclere Road, Basingstoke,  
Hampshire, (GB)

Collins, Andrew, 62 Belle Vue Road, Old Basing, Basingstoke, Hampshire  
RG24 7LG, (GB)

**LEGAL REPRESENTATIVE:**

DeVile, Jonathan Mark, Dr. et al (91151), D. Young & Co 21 New Fetter

Search Report from Ginger R. DeMille

Lane, London EC4A 1DA, (GB)  
PATENT (CC, No, Kind, Date): EP 1288766 A2 030305 (Basic)  
APPLICATION (CC, No, Date): EP 2002253539 020520;  
PRIORITY (CC, No, Date): GB 121195 010831  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-001/00  
ABSTRACT WORD COUNT: 173

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	2634
SPEC A	(English)	200310	7833
Total word count - document A			10467
Total word count - document B			0
Total word count - documents A + B			10467

...SPECIFICATION and recovered from material. This process is suitable for embedding invisible watermarks in material and **embedding** identification code words to form digital **finger prints**. Further details are provided in (1).

**Generally**, an example arrangement for **embedding** data may comprise a pseudo-random sequence generator, a modulator, a Wavelet transformer, a combiner...

**2/3,K/112 (Item 3 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01445297

**A biometric sensing device**  
**Biometrischer Messfuhler**  
**Capteur biometrique**

PATENT ASSIGNEE:

Keyware Technologies, (2853421), Flanders Language Valley, 43, 8900 Ieper  
, (BE), (Applicant designated States: all)

INVENTOR:

Hermand, Jean-Pierre, c/o Keyware Technologies, Flanders Language Valley,  
43, 8900 Ieper, (BE)

LEGAL REPRESENTATIVE:

Quintelier, Claude et al (73885), Gevers & Vander Haeghen, Livornostraat  
7, 1060 Brussels, (BE)

PATENT (CC, No, Kind, Date): EP 1235189 A1 020828 (Basic)

APPLICATION (CC, No, Date): EP 2001200723 010226;

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07C-009/00; G07F-007/00

ABSTRACT WORD COUNT: 71

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200235	417

Search Report from Ginger R. DeMille

SPEC A	(English)	200235	2768
Total word count - document A		3185	
Total word count - document B		0	
Total word count - documents A + B		3185	

...CLAIMS signal.

3. A biometric sensing device as claimed in claim 2, characterised in that said **biometric** sensor and said first and second **generator** are **embedded** in a same component.
4. A **biometric** sensing device as claimed in claim 1 or 2, characterised in that said data word...

2/3,K/113 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01004430

**Pointing and fingerprint identifier mechanism for a computer system  
Vorrichtung zur Fingerabdruckidentifizierung und Hinweissteuerung in einem  
Rechnersystem**

**Dispositif pour l'identification automatique d'empreintes digitales et de  
pointage dans un systeme d'ordinateur**

PATENT ASSIGNEE:

Compaq Computer Corporation, (687792), 20555 S.H. 249, Houston Texas  
77070, (US), (applicant designated states:  
AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Mato, Stephan A., Jr., 21431 Park Tree Lane, Katy, Texas 77450, (US)

LEGAL REPRESENTATIVE:

Brunner, Michael John et al (28871), GILL JENNINGS & EVERY Broadgate  
House 7 Eldon Street, London EC2M 7LH, (GB)

PATENT (CC, No, Kind, Date): EP 905646 A1 990331 (Basic)

APPLICATION (CC, No, Date): EP 98307775 980924;

PRIORITY (CC, No, Date): US 941165 970930

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06K-011/18; G06K-011/08; G06K-009/00;

ABSTRACT WORD COUNT: 107

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9913	906
SPEC A	(English)	9913	3504
Total word count - document A		4410	
Total word count - document B		0	
Total word count - documents A + B		4410	

...SPECIFICATION amount of desktop surface area. Thus, the present invention by providing device code 46 for **generating** a pointing mode of the device 16 and for **generating** a **fingerprint** identification mode of the device 16 achieves an **integration** of pointing functions and **fingerprint** identification functions into a single device of a computer system C.

2/3,K/114 (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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Search Report from Ginger R. DeMille

01023507

SECURE IDENTIFICATION SYSTEM COMBINING FORENSIC/BIOMETRIC POPULATION DATABASE AND ISSUANCE OF RELATIONSHIP-SPECIFIC IDENTIFIERS TOWARD ENHANCED PRIVACY

SYSTEME D'IDENTIFICATION SECURISE A CONFIDENTIALITE AMELIOREE COMBINANT UNE BASE DE DONNEES DEMOGRAPHIQUES JUDICIAIRES/BIOMETRIQUES ET LA DELIVRANCE D'IDENTIFICATEURS SPECIFIQUES DE RELATION

Inventor(s):

LYBECK Lynn, P.O. BOX 651, Moss Beach, CA 94038, US,  
Patent Applicant/Inventor:

BIERRE Pierre, 980 Riesling Drive, Pleasanton, CA 94566, US, US  
(Residence), US (Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200352545 A2 20030626 (WO 0352545)  
Application: WO 2002US38218 20021120 (PCT/WO US0238218)  
Priority Application: US 2001331645 20011120

Designated States: AU GB ID IN JP KR NO PH PL RU SG  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 6779

Fulltext Availability:

Detailed Description

Detailed Description

... of technology which have demonstrated ability to handle tens of millions of enrollees are the **Integrated Automated Fingerprint** Identification System (IAFIS) and CODIS ( **DNA** identification) systems developed and operated by the U.S. Federal Bureau of Investigation.

3) Echo...

2/3,K/115 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01022663 \*\*Image available\*\*

REMOTE DOCUMENT VERIFICATION

VERIFICATION DE DOCUMENTS A DISTANCE

Patent Applicant/Assignee:

EXAM ON DEMAND LIMITED, Sussex Innovation Centre, Science Park Square, Falmer, Brighton, East Sussex, BN1 9SB, GB, GB (Residence), GB (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BLAKELEY David Gordon, 20 Inkpen Gardens, Lychpit, Basingstoke, Hampshire RG24 8YQ, GB, GB (Residence), GB (Nationality), (Designated only for: US)

RUSSELL David Vernon, Flat 3, Kings Court, 6 Vilking Way, Kings Park, Eastbourne BN23 6UG, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

DEHN Frank B & Co (agent), 179 Queen Victoria Street, London EC4V 4EL, GB

Patent and Priority Information (Country, Number, Date):

Patent: WO 200352717 A2 20030626 (WO 0352717)  
Application: WO 2002GB5786 20021219 (PCT/WO GB0205786)  
Priority Application: GB 200130358 20011219

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY

Search Report from Ginger R. DeMille

BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (utility model) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5557

Fulltext Availability:

Detailed Description

Detailed Description

... digital image capture other means of identification could be used such as existing technology to integrate systems that capture details of the candidate's fingerprints or DNA or which conduct a retina scan. Also sound recordings could be made, as

**2/3,K/116 (Item 3 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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01021482

**METHODS FOR PROTEIN ANALYSIS**

**METHODES D'ANALYSE DE PROTEINES**

Patent Applicant/Assignee:

CONSORTIUM NATIONAL DE RECHERCHE EN GENOMIQUE (CNRG), 2, rue Gaston Cremieux, F-91000 Evry, FR, FR (Residence), FR (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

GUT Ivo Glynne, 18, rue du Moulin Vert, F-75014 Paris, FR, FR (Residence), FR (Nationality), (Designated only for: US)

Legal Representative:

MARTIN Jean-Jacques (et al) (agent), Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris 17, FR,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2003050544 A2 20030619 (WO 0350544)

Application: WO 2002IB5769 20021212 (PCT/WO IB0205769)

Priority Application: EP 2001403216 20011212

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9569

Fulltext Availability:

Search Report from Ginger R. DeMille

Detailed Description

Detailed Description

... enzymes or reagent cleavage  
(<http://bioweb.pasteur.fr/seqanal/interfaces/digest.html>). Databases exist that integrate whole sequence DNA translated into theoretical protein peptides fingerprints, such as Mowse or Mascot, distributed by Matrix Science (London, UK, [www.matrixscience.com](http://www.matrixscience.com))  
Starting...

2/3,K/117 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00974110

**PERV SCREENING METHOD AND USE THEREOF**  
**METHODE DE CRIBLAGE DE PERV ET SON UTILISATION**

Patent Applicant/Assignee:

NOVARTIS AG, Lichtstrasse 35, CH-4056 Basel, CH, CH (Residence), CH  
(Nationality), (For all designated states except: AT US)  
NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M B H, Brunner Strasse 59,  
A-1230 Vienna, AT, AT (Residence), AT (Nationality), (Designated only  
for: AT)

Patent Applicant/Inventor:

HERRING Christopher Taylor, Novartis Horsham Research Centre, Wimblehurst  
Road, Horsham, West Sussex RH12 5AB, GB, GB (Residence), GB  
(Nationality), (Designated only for: US)  
LANGFORD Gillian, Novartis Horsham Research Centre, Wimblehurst Road,  
Horsham, West Sussex RH12 5AB, GB, GB (Residence), GB (Nationality),  
(Designated only for: US)  
QUINN Gary, 12 Porter Road, Cambridge, MA 02140, US, US (Residence), IE  
(Nationality), (Designated only for: US)  
SCOBIE Linda, Novartis Horsham Reseach Centre, Wimblehurst Road, Horsham,  
West Sussex RH12 5AB, GB, GB (Residence), GB (Nationality), (Designated  
only for: US)

Legal Representative:

GROS Florent (agent), Novartis AG, Corporate Intellectual Property,  
Patent & Trademark Department, CH-4002 Basel, CH,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200302746 A2 20030109 (WO 0302746)

Application: WO 2002EP7159 20020628 (PCT/WO EP0207159)

Priority Application: US 2001302133 20010629

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ  
TM TN TR TT UA US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18419

Fulltext Availability:

Detailed Description

Detailed Description

... endogenous retrovirus-positive clones in the library. This approach leads to the establishment of proviral fingerprints in genomic DNA such that novel integrations resulting from superinfection or

Search Report from Ginger R. DeMille

retrotransposition can be detected with no subcloning requirement. It also allows...

**2/3,K/118 (Item 5 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
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00953597

**APPARATUS AND METHODS FOR A UNITED STATES POSTAL SERVICE SMART CARD SYSTEM  
APPAREIL ET PROCEDES DESTINES A UN SYSTEME DE CARTES INTELLIGENTES DU  
SERVICE POSTAL DES ETATS-UNIS**

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Washington, DC  
20260-1135, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

FEINMAN Jason S, 913 Kenbrook Drive, Silver Spring, MD, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GARRET Arthur S (agent), Finnegan, Henderson, Farabow, Garrett & Dunner,  
L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200286665 A2 20021031 (WO 0286665)

Application: WO 2002US12226 20020418 (PCT/WO US0212226)

Priority Application: US 2001284200 20010418

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(CA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3135

Fulltext Availability:

Detailed Description

Detailed Description

... coin, a ring, or even a baggage label. Smart card 100 may also be  
**integrated** with **biometric** apparatus to use **DNA**, **fingerprints**,  
retinal eye scans, or voice prints to facilitate authorization by use of  
a spoken word...

**2/3,K/119 (Item 6 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT  
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00938327 \*\*Image available\*\*

**METHOD OF DRUG TARGET VALIDATION**

**PROCEDE DE VALIDATION DE CIBLES DE MEDICAMENTS**

Patent Applicant/Assignee:

RENOVIS INC, 270 Littlefield Avenue, South San Francisco, CA 94080, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

SERAFINI Tito Andrew, 2249 Bunker Hill Drive, San Mateo, CA 94402-3832,

Search Report from Ginger R. DeMille

US, US (Residence), US (Nationality), (Designated only for: US)  
Legal Representative:

ANTLER Adriane M (et al) (agent), Pennie & Edmonds LLP, 1155 Avenue of  
the Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200272017 A2-A3 20020919 (WO 0272017)

Application: WO 2002US7294 20020312 (PCT/WO US0207294)

Priority Application: US 2001275073 20010312

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GO GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 51989

Fulltext Availability:

Detailed Description

Detailed Description

... key gene.

1 5

4. BRIEF DESCRIPTION OF THE FIGURES

FIGS. 1A and B. A. **DNA fingerprint** gel showing putative co- **integrate** clones.

Three different BAC clones containing the 5HT6 gene were used. B. Southern hybridization showing...primary antibody and a fluorescentlyconjugated secondary antibody. See Section 6.9 for details.  
FIG. 6. **DNA fingerprint** gel showing putative co- **integrate** clones. Seven different BAC clones containing the 5HT2A gene were used. Y-axis, molecular weight...

2/3,K/120 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00930831 \*\*Image available\*\*

COLLECTIONS OF TRANSGENIC ANIMAL LINES (LIVING LIBRARY)

COLLECTIONS DE LIGNEES D'ANIMAUX TRANSGENIQUES (BIBLIOTHEQUE VIVANTE)

Patent Applicant/Assignee:

RENOVIS INC, 270 Littlefield Avenue, South San Francisco, CA 94080, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

SERAFINI Tito Andrew, 2249 Bunker Hill Drive, San Mateo, CA 94402-3832,  
US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ANTLER Adriane M (et al) (agent), Pennie & Edmonds LLP, 1155 Avenue of  
the Americas, New York, NY 10036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200264749 A2-A3 20020822 (WO 0264749)

Application: WO 2002US4765 20020214 (PCT/WO US0204765)

Priority Application: US 2001783487 20010214

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

Search Report from Ginger R. DeMille

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 48195

Fulltext Availability:

Detailed Description

Detailed Description

... and physiological assays, and genomic analysis.

4

, BRIEF DESCRIPTION OF THE FIGURES

FIG. 1. A. DNA fingerprint gel showing putative co- **integrate** clones. Three different BAC clones containing the 51IT6 gene were used.  
B. Southern hybridization showing...

...immunohistochemically stained with an anti-GFP primary antibody and a fluorescentlyconjugated secondary antibody.

FIG. 6. DNA fingerprint showing putative co- **integrate** clones. Seven different BAC clones containing the 5HT2A gene were used. See Section 6.  
1...

2/3,K/121 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00921106

SYSTEM, METHOD, SOFTWARE ARCHITECTURE AND BUSINESS MODEL FOR AN INTELLIGENT OBJECT BASED INFORMATION TECHNOLOGY PLATFORM

SYSTEME, PROCEDE, ARCHITECTURE LOGICIELLE ET MODELE DE GESTION POUR PLATE-FORME DE TECHNOLOGIE D'INFORMATIONS FONDEE SUR UN OBJET INTELLIGENT

Patent Applicant/Assignee:

BIOSENTIENTS INC, 1325-61st Street, Emeryville, CA 94608-2117, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

STANLEY Robert A, 830-28th Street, Emeryville, CA 94608, US, US  
(Residence), US (Nationality), (Designated only for: US)

GOMBOCZ Erich A, 1307-27th Avenue, San Francisco, CA 94122, US, US  
(Residence), AT (Nationality), (Designated only for: US)

Legal Representative:

ANANIAN R Michael (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200254171 A2 20020711 (WO 0254171)

Application: WO 2001US47922 20011206 (PCT/WO US0147922)

Priority Application: US 2000254063 20001206; US 2000254062 20001206; US 2000254064 20001206; US 2000259050 20001229; US 2001246238 20010125; US 2001266957 20010206; US 2001276711 20010316; US 2001282656 20010409; US 2001282658 20010409; US 2001282654 20010409; US 2001282657 20010409; US 2001282655 20010409; US 2001282979 20010410; US 2001282989 20010410; US 2001282991 20010410; US 2001282990 20010410

Search Report from Ginger R. DeMille

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 78272

Fulltext Availability:

Detailed Description

Detailed Description

... Scale Forensics, applications of the inventive structure and method include but are not limited to **Fingerprint**, **DNA**, and Materials Analysis, and Real-time Data **Integration** and Access. Some of the value in this area includes - 166 but is not limited...

**2/3,K/122 (Item 9 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00909145 \*\*Image available\*\*

**PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED DESPECKLING MECHANISMS PROVIDED THEREIN**

**SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRES A MECANISME DE DECHATOIEMENT INTEGRE**

Patent Applicant/Assignee:

METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Search Report from Ginger R. DeMille

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VATAN Pirooz, 5122 Lexington Ridge Drive, Lexington, MA 02421, US, US (Residence), US (Nationality), (Designated only for: US)  
DOBBS Russell Joseph, 4 Grass Road, Cherry Hill, NJ 08034, US, US (Residence), US (Nationality), (Designated only for: US)  
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KIM Steve Y, 129 Franklin Street, #113, Cambridge, MA 02139, US, US (Residence), US (Nationality), (Designated only for: US)  
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Legal Representative:

PERKOWSKI Thomas J (et al) (agent), Thomas J. Perkowski, Esq., P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200243195 A2-A3 20020530 (WO 0243195)

Application: WO 2001US44011 20011121 (PCT/WO US0144011)

Priority Application: US 2000721885 20001124; US 2001780027 20010209; US 2001781665 20010212; US 2001883130 20010615; US 2001954477 20010917; US 2001999687 20011031

Parent Application/Grant:

Related by Continuation to: US 2001954477 20010917 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 298301

Fulltext Availability:

Claims

Claim

... can be temporally and possibly spatially averaged at each image detection element during the photo- **integration** time period thereof, thereby reducing the RMS power of the speckle-patterns observed at the...

Search Report from Ginger R. DeMille

DIALOG(R) File 349:PCT FULLTEXT

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00864262

**WHOLE CELL ENGINEERING BY MUTAGENIZING A SUBSTANTIAL PORTION OF A STARTING GENOME, COMBINING MUTATIONS, AND OPTIONALLY REPEATING  
INGENIERIE CELLULAIRE COMPLETE PAR MUTAGENESE D'UNE PARTIE SUBSTANTIELLE D'UN GENOME DE DEPART, PAR COMBINAISON DE MUTATIONS ET EVENTUELLEMENT REPETITION**

Patent Applicant/Assignee:

DIVERSA CORPORATION, 4955 Directors Place, San Diego, CA 92121, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SHORT Jay M, 6801 Paseo Delicias, P.O. Box 7214, Rancho Santa Fe, CA 92067-7214, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAILE Lisa A (agent), Gray Cary Ware & Freidenrich LLP, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2133, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200196551 A2-A3 20011220 (WO 0196551)

Application: WO 2001US19367 20010614 (PCT/WO US0119367)

Priority Application: US 2000594459 20000614; US 2000677584 20000930

Parent Application/Grant:

Related by Continuation to: US 2000594459 20000614 (CIP); US 2000677584 20000930 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 336587

Fulltext Availability:

Detailed Description

Detailed Description

... enzymes, depends the enzyme(s) to be activated having a unique activity profile (or activity **fingerprint**). An enzyme's activity profile includes the reaction(s) it catalyzes and its specificity. Thus  
...

2/3,K/124 (Item 11 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00742053 \*\*Image available\*\*

**RETROVIRUS PRODUCTING CELLS UTILIZING A HIGH MULTIPLICITY OF TRANSDUCTION  
PROCEDES DE PRODUCTION D'UNE LIGNE CELLULAIRE PRODUISANT UN VECTEUR  
UTILISANT UNE PLURALITE DE TRANSDUCTIONS**

Patent Applicant/Assignee:

CHIRON CORPORATION, 4560 Horton Street, Emeryville, CA 94608, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

Search Report from Ginger R. DeMille

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DE POLO Nicholas J, 964 Santa Estrella, Solana Beach, CA 92075, US, US  
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SAUTER Sybille L, #17, 639 Stratford Court, Del Mar, CA 92014, US, US  
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CHANG Stephen M W, 12912 Camino Del Valle, Poway, CA 92064, US, US  
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Legal Representative:

DOLLARD Anne (et al) (agent), Chiron Corporation, 4560 Horton Street,  
Emeryville, CA 94608-2916, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200055343 A2-A3 20000921 (WO 0055343)

Application: WO 2000US7041 20000315 (PCT/WO US0007041)

Priority Application: US 99124468 19990315

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18708

Fulltext Availability:

Detailed Description

Detailed Description

... cuts once within the provector structure and at the adjacent sites in  
the host cell DNA. Southern analysis on Bglll-digested genomic DNA  
provides a " finger print " of the vector integration site with the  
number of bands hybridizing to the hFVIII probe indicative of the total  
...

2/3,K/125 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

015280499 \*\*Image available\*\*

WPI Acc No: 2003-341430/200332

XRPX Acc No: N03-273109

Digital goods protection method for Internet applications, involves  
embedding watermark into digital goods without embedding fingerprint

Patent Assignee: KIROVSKI D (KIRO-I); MALVAR H (MALV-I); YACOBI Y (YACO-I)

Inventor: KIROVSKI D; MALVAR H; YACOBI Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030009671	A1	20030109	US 2001841159	A	20010423	200332 B

Priority Applications (No Type Date): US 2001841159 A 20010423

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030009671	A1	20	H04L-009/00	

Search Report from Ginger R. DeMille

Abstract (Basic):

... A **fingerprint** being associated with watermark is **generated** and the watermark is **embedded** into digital goods without **embedding** the **fingerprint**.

**2/3,K/126 (Item 2 from file: 351)**

DIALOG(R) File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

015052574

WPI Acc No: 2003-113090/200311

XRPX Acc No: N03-089922

**Single-unit multi-control method for networked fingerprint lock**  
Patent Assignee: HONGDA PHOTOELECTRIC & BIO STATISTIC REC (HONG-N)

Inventor: HOU X; WANG J; WANG L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1373448	A	20021009	CN 2002109427	A	20020403	200311 B

Priority Applications (No Type Date): CN 2002109427 A 20020403

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1373448	A		G06K-009/00	

Abstract (Basic):

... A single-machine multi-control method for networked **fingerprint** lock includes **generating** signals by master controller **integrating** **fingerprint** pick-up module, information processing module and network communication module, converting and transmitting signals, and receiving...

**2/3,K/127 (Item 3 from file: 351)**

DIALOG(R) File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014845238 \*\*Image available\*\*

WPI Acc No: 2002-665944/200271

XRPX Acc No: N02-526892

**Integrated biometric vehicle security system, has image acquisition device generating human facial image signals which are compared with stored images of enrolled authorized human users**

Patent Assignee: COLTON W J (COLT-I); TUMEY D M (TUME-I)

Inventor: COLTON W J; TUMEY D M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020097145	A1	20020725	US 97964699	A	19971106	200271 B

Priority Applications (No Type Date): US 97964699 A 19971106

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020097145	A1	22	B60R-025/10	

**Integrated biometric vehicle security system, has image acquisition device generating human facial image signals which are compared with stored images of enrolled authorized human users**

Search Report from Ginger R. DeMille

2/3,K/128 (Item 4 from file: 351)

DIALOG(R) File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014667405 \*\*Image available\*\*  
WPI Acc No: 2002-488109/200252  
XRPX Acc No: N02-385726

**Comparison method of two articles, involves simultaneously viewing superimposed images with each eye of user viewing image of different article, respectively**

Patent Assignee: UNIV HONG KONG SCI & TECHNOLOGY (UYHK-N)

Inventor: GOONETILLEKE R S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6381355	B1	20020430	US 97914136	A	19970819	200252 B

Priority Applications (No Type Date): US 97914136 A 19970819

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6381355	B1	8	G06K-009/00	

Abstract (Basic):

... For inspection by comparison of various items or products, such as printed circuit boards or **integrated** chips, or for comparison of **finger prints** or for **DNA** matching...

2/3,K/129 (Item 5 from file: 351)

DIALOG(R) File 351:Derwent WPI  
(c) 2003 Thomson Derwent. All rts. reserv.

014187133 \*\*Image available\*\*  
WPI Acc No: 2002-007830/200201  
XRPX Acc No: N02-006920

**Fingerprint authentication device compares fingerprint data recorded previously in integrated circuit card and fingerprint data generated by newly reading user's fingerprint image**

Patent Assignee: OKUNO M (OKUN-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001291103	A	20011019	JP 2000142558	A	20000406	200201 B

Priority Applications (No Type Date): JP 2000142558 A 20000406

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001291103	A	14	G06T-007/00	

**Fingerprint authentication device compares fingerprint data recorded previously in integrated circuit card and fingerprint data generated by newly reading user's fingerprint image**

Abstract (Basic):

... A fingerprint data comparison unit (12) compares a recorded **fingerprint** data, read out from an **integrated** circuit (IC) card by an IC card reader (10) with **fingerprint** data that is **generated** newly using an user fingerprint image and is read by a fingerprint data reader (11...).

Search Report from Ginger R. DeMille

2/3,K/130 (Item 6 from file: 351)

DIALOG(R) File 351:Derwent WPI  
 (c) 2003 Thomson Derwent. All rts. reserv.

012976007 \*\*Image available\*\*  
 WPI Acc No: 2000-147856/200013

XRPX Acc No: N00-109422

**Web page serving method in distributed hosting framework**  
 Patent Assignee: MASSACHUSETTS INST TECHNOLOGY (MASI ); DIGITAL ISLAND INC  
 (DIGI-N)

Inventor: LEIGHTON F T; LEWIN D M; BALTER J A; FARBER D A; GREER R E; SWART  
 A D

Number of Countries: 081 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200004458	A1	20000127	WO 99US15951	A	19990714	200013 B
AU 9949952	A	20000207	AU 9949952	A	19990714	200029
US 6108703	A	20000822	US 9892710	P	19980714	200042
			US 99314863	A	19990519	
EP 1125219	A1	20010822	EP 99934032	A	19990714	200149
			WO 99US15951	A	19990714	
CN 1312923	A	20010912	CN 99809674	A	19990714	200202
BR 9912001	A	20011204	BR 9912001	A	19990714	200203
			WO 99US15951	A	19990714	
KR 2001071914	A	20010731	KR 2001700616	A	20010115	200208
US 20020099850	A1	20020725	US 9821506	A	19980210	200254
			US 9892710	P	19980714	
			US 2000612598	A	20000707	
			US 200295811	A	20020313	
JP 2002520735	W	20020709	WO 99US15951	A	19990714	200259
			JP 2000560513	A	19990714	
US 6553413	B1	20030422	US 9892710	P	19980714	200330
			US 99314863	A	19990519	
			US 2000604878	A	20000628	

Priority Applications (No Type Date): US 99314863 A 19990519; US 9892710 P 19980714; US 9821506 A 19980210; US 2000612598 A 20000707; US 200295811 A 20020313; US 2000604878 A 20000628

Patent Details:

Patent No	Kind	Lat Pg	Main IPC	Filing Notes
WO 200004458	A1	E	57 G06F-017/21	
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW				
US 6108703	A		G06F-013/00	Provisional application US 9892710
EP 1125219	A1	E	G06F-017/21	Based on patent WO 200004458
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
AU 9949952	A		G06F-017/21	Based on patent WO 200004458
US 20020099850	A1		G06F-015/16	Cont of application US 9821506 Provisional application US 9892710 Cont of application US 2000612598 Cont of patent US 6185598
JP 2002520735	W	46	G06F-012/00	Based on patent WO 200004458

Search Report from Ginger R. DeMille

US 6553413 B1 G06F-013/00 Provisional application US 9892710  
Cont of application US 99314863  
Cont of patent US 6108703

Abstract (Basic):

... in a computer network near the client machine. The virtual server host name includes a **finger print** value generated by applying given function to the **embedded** object...

**2/3,K/131 (Item 1 from file: 392)**

DIALOG(R)File 392:Boston Herald  
(c) 2003 Boston Herald. All rts. reserv.

01065435 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The evidence is in: Lab test help catch killers**

Mark Mueller

Boston Herald, All ED, P 4

Sunday, December 28, 1997

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: News

Word Count: 996

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...police also have tapped the power of computers to nab criminals.

Databases compile libraries of **fingerprints**, DNA and ballistics information.

One example is Boston's **integrated** ballistics identification system, a computer system that stores images of bullets and casings, comparing their...

**2/3,K/132 (Item 1 from file: 476)**

DIALOG(R)File 476:Financial Times Fulltext  
(c) 2003 Financial Times Ltd. All rts. reserv.

0011313407 A20020118C3DB-1-DFT

**A touch of evil**

TOM FORT

FT.COM SITE

Saturday, January 19, 2002

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 853

...with around 2,000 identification requests a year - 40 times fewer than the FBI's **Integrated** Automatic **Fingerprint** Identification System, or IAFIS. DNA analysis is expensive, time-consuming, and generally restricted to crimes of violence. When it comes...

**2/3,K/133 (Item 2 from file: 476)**

DIALOG(R)File 476:Financial Times Fulltext  
(c) 2003 Financial Times Ltd. All rts. reserv.

0011313297 A200201196B8-A5-FT

**BOOKS: A touch of evil**

TOM FORT

Search Report from Ginger R. DeMille

Financial Times, London Ed1 ED, P 6

Saturday, January 19, 2002

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT SECTION HEADING: BOOKS

Word Count: 860

...with around 2,000 identification requests a year - 40 times fewer than the FBI's **Integrated** Automatic **Fingerprint** Identification System, or IAFIS. DNA analysis is expensive, time-consuming, and generally restricted to crimes of violence. When it comes...

**2/3,K/134 (Item 1 from file: 477)**

DIALOG(R)File 477:Irish Times

(c) 2003 Irish Times. All rts. reserv.

00336036 02011200190 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Finding truth in whorls and ridges**

**Fingerprints: Murder and the Race to Uncover the Science of Identity.** By Colin Beavan. Fourth Estate, 232pp. (pounds) 14.99stg

PATRICK SKENE CATLING

Irish Times, CITY ED, P 58

Saturday, January 12, 2002

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: WEEKEND; FORENSIC SCIENCE

Word Count: 633

TEXT:

...Department used

fingerprints to identify 1,117 criminals, six times as many as identified by DNA since it was first used. The FBI's **Integrated** Automatic **Fingerprint** Identification System, with a data-base of 65 million **fingerprints**, responds annually to 85,00 enquiries.

**2/3,K/135 (Item 1 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2003 ProQuest. All rts. reserv.

05897278 SUPPLIER NUMBER: 291631261

**Microbial geoengineers**

Warren, Lesley A; Kauffman, Mary E

Science (GSCI), v299 n5609, p1027-1029

Feb 14 2003

ISSN: 0036-8075 JOURNAL CODE: GSCI

DOCUMENT TYPE: Commentary

LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: strains and hence their influence on geochemical processes remain unknown. Microbial communities may leave specific "fingerprints" on geochemical processes. **Integrated**, geochemical and functional **genetic** studies will identify these microbial **fingerprints** by comparing how microbes engineer geochemical processes in different systems.

**2/3,K/136 (Item 2 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2003 ProQuest. All rts. reserv.

05846731 SUPPLIER NUMBER: 269243361 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Tourism & terrorism**

Search Report from Ginger R. DeMille

Walsh, Don  
Sea Power (FSEA), v45 n12, p51-53, p.3  
Dec 2002  
ISSN: 0199-1337 JOURNAL CODE: FSEA  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2392

TEXT:

... ID cards that include name, signature, and photo of the holder as well as an **embedded** chip containing various "biometrics" information-e.g. **fingerprint**, **DNA**, retina scan, etc.-and the current licensing qualifications of the holder. It seems certain that...

**2/3,K/137 (Item 3 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

05713982 SUPPLIER NUMBER: 210368261 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**How science solves crimes**  
Kluger, Jeffrey  
Time (GTIM), v160 n17, p36-45  
Oct 21, 2002  
ISSN: 0040-781X JOURNAL CODE: GTIM  
DOCUMENT TYPE: Cover Story  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4641

TEXT:

... gun ever used in a crime. Early versions of each of these databases-the Combined **DNA** Index System (CODIS), the National **Integrated Ballistics Information Network** (NIBIN) and the **Integrated Automated Fingerprint Identification System** (IANS)-already exist, but they are not yet all fully operational.

The ballistics...

**2/3,K/138 (Item 4 from file: 484)**

DIALOG(R)File 484:Periodical Abs Plustext  
(c) 2003 ProQuest. All rts. reserv.

05420986 SUPPLIER NUMBER: 101494632 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**One pass for all**  
Kenyon, Henry S  
Signal (FSIG), v56 n5, p55-57, p.3  
Jan 2002  
ISSN: 0037-4938 JOURNAL CODE: FSIG  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract

TEXT:

... the first generation of smart cards will not have any additional technologies, current plans include **integrating biometrics** systems into future **generations** of CACs. Carey notes that a **fingerprint** can be reduced to an algorithm that uses only 500 bytes of information, which easily...

**2/3,K/139 (Item 1 from file: 545)**

Search Report from Ginger R. DeMille

DIALOG(R) File 545:Investext(R)  
(c) 2003 Thomson Financial Networks . All rts. reserv.

12480102

**TECHSTRAT BAROMETER: WEEKLY WISDOM FOR TECHNOLOGY INVESTOR**  
MERRILL LYNCH CAPITAL MARKETS  
MILUNOVICH, S.M., ET AL  
NEW YORK (STATE OF)

DATE: November 29, 01  
INVESTEXT(tm) REPORT NUMBER: 8286193, PAGE 8 OF 13, TEXT/TABLE PAGE  
This is a(n) INDUSTRY report.

TEXT:

...Cogent Systems IBM,  
Clustered Data Processors Microsoft, Sun (SUNW;  
General Biometrics \$13.81; C-2-2-9)  
Large-Scale System Integration Biometric Consortium  
Lockheed Martin, Mitretek  
Systems, Harris, TRW,  
Unisys,  
Cogent Systems, IBM,  
Boeing, Raytheon,  
Northrop Grumman, SAIC  
Internet...

**2/3,K/140 (Item 2 from file: 545)**

DIALOG(R) File 545:Investext(R)  
(c) 2003 Thomson Financial Networks . All rts. reserv.

11577594

**KEYWARE TECHNOLOGIES**  
ING BARINGS  
VERELST, P., ET AL  
UNITED KINGDOM

DATE: February 12, 01  
INVESTEXT(tm) REPORT NUMBER: 2473838, PAGE 1 OF 2, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...access, the Internet, smart cards and telephony. The new strategy seems to focus on the **integration** of the **general** authentication technologies (including **biometrics**, if required by the customer) in these applications.

Smart cards have an enormous growth potential...

**2/3,K/141 (Item 3 from file: 545)**

DIALOG(R) File 545:Investext(R)  
(c) 2003 Thomson Financial Networks . All rts. reserv.

11561112

**CEO INTERVIEW: KEVIN JOHNSON, DIANON SYSTEMS INC (DIAN)**

Search Report from Ginger R. DeMille

WALL STREET TRANSCRIPT CORPORATION  
THE WALL STREET TRANSCRIPT CORPORATION  
NEW YORK (STATE OF)

DATE: January 10, 01  
INVESTEXT(tm) REPORT NUMBER: 2004237, PAGE 3 OF 4, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...s proprietary chemotherapy guidance system. This is a breakthrough technology that allows the measurement of **gene** expression levels of mRNA extracted from a paraffin **embedded** tumor biopsy specimen. The technology uses the **genetic** 'fingerprint' of a patient's tumor cells to help determine which anti-cancer therapies are likely...

**2/3,K/142 (Item 4 from file: 545)**  
DIALOG(R) File 545:Investext(R)  
(c) 2003 Thomson Financial Networks . All rts. reserv.

11556003

**CEO INTERVIEW: KEVIN JOHNSON, DIANON SYSTEMS INC (DIAN)**  
WALL STREET TRANSCRIPT CORPORATION  
THE WALL STREET TRANSCRIPT CORPORATION  
NEW YORK (STATE OF)

DATE: February 7, 01  
INVESTTEXT(tm) REPORT NUMBER: 2004473, PAGE 3 OF 4, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...s proprietary chemotherapy guidance system. This is a breakthrough technology that allows the measurement of **gene** expression levels of mRNA extracted from a paraffin **embedded** tumor biopsy specimen. The technology uses the **genetic** 'fingerprint' of a patient's tumor cells to help determine which anti-cancer therapies are likely...

**2/3,K/143 (Item 5 from file: 545)**  
DIALOG(R) File 545:Investext(R)  
(c) 2003 Thomson Financial Networks . All rts. reserv.

10077456  
**Viisage Technology**  
SG COWEN SECURITIES CORPORATION  
Stone, R.W.  
MASSACHUSETTS (COMMONWEALTH OF)

DATE: November 2, 99  
INVESTTEXT(tm) REPORT NUMBER: 2978802, PAGE 2 OF 4, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...We expect VISG to post 2000 EPS just above break-even, funding continued investments in **biometrics** with

Search Report from Ginger R. DeMille

steady profits in systems **integration**. While visibility remains poor as to when **biometrics** will generate significant revenues and contribute to operating income, two new contract wins announced in Q3 suggest...

**2/3,K/144 (Item 1 from file: 609)**

DIALOG(R)File 609:Bridge World Markets  
(c) 2001 Bridge. All rts. reserv.

01307585 BNVKRTM (USE FORMAT 7 FOR FULLTEXT)

**FULL: Support.com to license OEM real-time tech to Contrado (B)**

BRIDGENEWS GLOBAL MARKETS

Wednesday, January 24, 2001 16:53 GMT

JOURNAL CODE: MAR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWswire

WORD COUNT: 1,289

...THE LINKS ACROSS THE SOFTWARE SUPPLY CHAIN.

ADDITIONALLY, PRODUCTS FROM THE TWO COMPANIES WILL BE **INTEGRATED** SO THAT JOINT CUSTOMERS CAN USE THE **DNA** " **FINGERPRINT** " FROM THE SOFTWARE INSTALLATION TO MORE QUICKLY RESOLVE SUPPORT REQUESTS. THIS SOLUTION CAN DRAMATICALLY REDUCE...

**2/3,K/145 (Item 1 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00812259 20021118322B7329 (USE FORMAT 7 FOR FULLTEXT)

**Atmel Biometrics, Wireless Access Solutions Integrated On HP iPAQ Pocket PC**

**h5400 Series**

Business Wire

Monday, November 18, 2002 08:18 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWswire

WORD COUNT: 436

...s Senior VP of Corporate Marketing.

"HP had a vision of key options for this **generation** Pocket PC, and Atmel's

diverse product offering made **integration** of **biometrics** and WLAN possible when

we needed them," said Cindy Box, Director of Marketing, HP Smart...

**2/3,K/146 (Item 2 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00792019 20021015288B1407 (USE FORMAT 7 FOR FULLTEXT)

**ABS Adds Powerful Enterprise Biometric Framework to Curtiss-Wright**

Business Wire

Tuesday, October 15, 2002 08:30 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWswire

WORD COUNT: 748

TEXT:

Next- Generation **Biometric** Software Solution **Integrates** Access

Search Report from Ginger R. DeMille

Control,

Screening and Surveillance Solutions into Any Security Architecture

Advanced Biometric Security (ABS), a provider of enterprise biometric security software, today announced it is teaming with...

**2/3,K/147 (Item 1 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

01042054 20030923NYTU085 (USE FORMAT 7 FOR FULLTEXT)

**Toronto Police Service to Utilize Motorola**

PR Newswire

Tuesday, September 23, 2003 11:01 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 725

TEXT:

...an open platform environment," said Darrin Reilly, Motorola Communications and Electronics, Inc. Vice President and General Manager, Biometrics and Criminal Management Operations Center.

The new integrated identification system will replace Toronto's existing AFIS 2000 system installed in 1997. Toronto has...

**2/3,K/148 (Item 2 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

01038259 20030916LATU015 (USE FORMAT 7 FOR FULLTEXT)

**I/O Software Demonstrates Multi-Factor Authentication, IDF**

PR Newswire

Tuesday, September 16, 2003 09:05 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 491

TEXT:

...its authentication technology with an Intel(R) Centrino(TM) mobile technology-based laptop and an integrated fingerprint sensor at a Next

Generation Technologies for Mobile Internet PC track session on Sept. 18. I/O Software's integrated...

**2/3,K/149 (Item 1 from file: 625)**

DIALOG(R)File 625:American Banker Publications

(c) 2003 American Banker. All rts. reserv.

0237793

**Tech Bytes: Identix, Motorola Aim for Fingerprint Standard**

American Banker - June 2, 1999; Pg. 14; Vol. 164, No. 104

DOCUMENT TYPE: Journal LANGUAGE: English RECORD TYPE: Fulltext

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WORD COUNT: 163

TEXT:

...research and development in digital-image capture and represents an opportunity to use our Digital DNA technology to integrate biometric authentication systems across Motorola product lines."

Copyright c 1999 American Banker, Inc. All Rights Reserved...

**2/3,K/150 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

05284629 Supplier Number: 87119219 (USE FORMAT 7 FOR FULLTEXT)  
**Police service encouraged to make better use of DNA and fingerprint evidence.**

M2 Presswire, pNA  
June 12, 2002  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 654

... had been made in some areas but more work needs to be done to fully integrate the effective use and management of fingerprint and DNA identifications into police investigations.

HMI David Blakey said: 'The contribution to the detection of both...

**2/3,K/151 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04013802 Supplier Number: 53208487 (USE FORMAT 7 FOR FULLTEXT)  
**-SYBASE: Sybase and Symbian unveil industry-leading mobile database for next-generation Smartphones.**

M2 Presswire, pNA  
Nov 11, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 821

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...will transform Smartphones into 'windows' to the corporate enterprise," said Terry Stepien, Vice President and General Manager, Sybase's Mobile and Embedded Computing division. "Sybase defined small 'fingerprint' database technology for palmtop devices, two-way pagers and intelligent appliances, and is pleased to...

**2/3,K/152 (Item 3 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03906016 Supplier Number: 50100449 (USE FORMAT 7 FOR FULLTEXT)  
**Police Tech Efforts A Boon To Mobile Data Industry 06/22/98**  
Newsbytes, pN/A  
June 22, 1998

Search Report from Ginger R. DeMille

Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 812

... systems provide access to a national depository of criminal information. They include the Forensic Laboratory **DNA** Identification System, **Integrated** Automated **Fingerprint** Identification System, and the National Criminal Information Center.

Information sharing efforts also are happening among...

**2/3,K/153 (Item 1 from file: 647)**  
DIALOG(R)File 647: CMP Computer Fulltext  
(c) 2003 CMP Media, LLC. All rts. reserv.

01222781 CMP ACCESSION NUMBER: EET20000918S0045

**Veridicom improves integration , power consumption, imaging with third-generation chip - Fingerprint sensor pushes specs for portables**

Margaret Quan

ELECTRONIC ENGINEERING TIMES, 2000, n 1131, PG52

PUBLICATION DATE: 000918

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: SEMICONDUCTORS

WORD COUNT: 546

**Veridicom improves integration , power consumption, imaging with third-generation chip - Fingerprint sensor pushes specs for portables**  
TEXT:

NEW YORK - Veridicom Inc., a provider of **fingerprint** -based authentication solutions, has introduced its **third-generation** **fingerprint** sensor. The FPS200 is said to improve image quality, size, **integration** , power consumption and ruggedness over previous- generation sensors, the company said.  
?

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? show files  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200365  
(c) 2003 Thomson Derwent  
File 344:Chinese Patents Abs Aug 1985-2003/Apr  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)  
(c) 2003 JPO & JAPIO  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.  
File 2:INSPEC 1969-2003/Oct W1  
(c) 2003 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2003/Sep  
(c) 2003 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2003/Oct W2  
(c) 2003 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep  
(c) 2003 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
(c) 2003, EBSCO Pub.  
File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Sep  
(c) 2003 Info.Sources Inc  
File 474:New York Times Abs 1969-2003/Oct 13  
(c) 2003 The New York Times  
File 475:Wall Street Journal Abs 1973-2003/Oct 13  
(c) 2003 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 15:ABI/Inform(R) 1971-2003/Oct 13  
(c) 2003 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2003/Oct 13  
(c) 2003 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2003/Oct 13  
(c) 2003 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2003/Oct 13  
(c) 2003 The Gale Group  
File 621:Gale Group New Prod.Annou. (R) 1985-2003/Oct 13  
(c) 2003 The Gale Group  
File 9:Business & Industry(R) Jul/1994-2003/Oct 10  
(c) 2003 Resp. DB Svcs.  
File 20:Dialog Global Reporter 1997-2003/Oct 14  
(c) 2003 The Dialog Corp.  
File 476:Financial Times Fulltext 1982-2003/Oct 14  
(c) 2003 Financial Times Ltd  
File 610:Business Wire 1999-2003/Oct 14  
(c) 2003 Business Wire.  
File 613:PR Newswire 1999-2003/Oct 14  
(c) 2003 PR Newswire Association Inc  
File 634:San Jose Mercury Jun 1985-2003/Oct 13  
(c) 2003 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 13  
(c) 2003 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 348:EUROPEAN PATENTS 1978-2003/Oct W01  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20031009,UT=20031002  
(c) 2003 WIPO/Univentio

*Author  
Search*

Search Report from Ginger R. DeMille

? ds

Set Items Description  
S1 17 AU=(FERNANDEZ, D? OR FERNANDEZ D?) AND (DNA OR GENETIC OR -  
BIOINFORMATIC? ? OR BIO()INFORMATIC? ? OR NUCLEOTIDE? ? OR BI-  
OMETRIC? OR BIO()METRIC?)  
S2 17 RD (unique items)  
? t2/3,k/all

**2/3,K/1 (Item 1 from file: 350)**  
DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014953899 \*\*Image available\*\*  
WPI Acc No: 2003-014413/200301  
XRPX Acc No: N03-010440

**Multi-sensor apparatus for monitoring physiological conditions in simulation application, has interface providing access to sensed condition of object by network, according to executable programmable instruction set**

Patent Assignee: FERNANDEZ D S (FERN-I); FERNANDEZ I H (FERN-I)

Inventor: **FERNANDEZ D S ; FERNANDEZ I H**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6415188	B1	20020702	US 98220784	A	19981223	200301 B

Priority Applications (No Type Date): US 98220784 A 19981223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6415188	B1	10		G05B-011/32	

Inventor: **FERNANDEZ D S ...**

Abstract (Basic):

... The figure shows a block diagram of **biometric** multi-sensor module for implementing multi-sensor processing...

**2/3,K/2 (Item 2 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

013891830 \*\*Image available\*\*

WPI Acc No: 2001-376043/200140

XRAM Acc No: C01-115163

XRPX Acc No: N01-275109

**Computerized health service, determines bio - informatic value related to individual genetically-associated risk, and carries out transactions accordingly**

Patent Assignee: FERNANDEZ D S (FERN-I); FERNANDIS D S (FERN-I)

Inventor: **FERNANDEZ D S**

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10054922	A1	20010531	DE 1054922	A	20001106	200140 B
JP 2001195367	A	20010719	JP 2000336405	A	20001102	200145
GB 2363874	A	20020109	GB 200026498	A	20001030	200211

Priority Applications (No Type Date): US 99435504 A 19991106

Search Report from Ginger R. DeMille

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10054922	A1		12	G06F-017/00	
JP 2001195367	A		43	G06F-015/00	
GB 2363874	A			G06F-017/60	

**Computerized health service, determines bio - informatic value related to individual genetically-associated risk, and carries out transactions accordingly**

Inventor: FERNANDEZ D S

Abstract (Basic):

... A **bio - informatic** value allocated to a user, is determined. A transaction is carried out with the user, in accordance with the **bio - informatic** value.  
... A computerized health-related system, determining a **bio - informatic** value related to genetically-associated risks, which carries out transactions accordingly, for e.g. insurance...  
... **Bio - informatics** is a meeting point, in the present case involving computers, genetics, prospective patients and a...  
... offsetting a health risk, for which the probability of emergence is determined scientifically on a **genetic** basis

Technology Focus:

... Preferred Features: The **bio - informatic** value is an event probability, or a risk to a user, associated with or developing from a medical or physiological state, on a **genetic** basis. The transaction stage is provision of an insurance policy covering emergence of such a state. In a variant, the **bio - informatic** value relates to a mental or emotional state on a **genetic** basis, and here the transaction step provides a service contract to the user, taking into account the emergence of the state on a **genetic** basis. A series of further variants, based on the foregoing principles, is included. Points noted  
...

... user classification in accordance with an authorized mask, which is a sub-group of a **genetic** sequence, **genetic** profile or inherited profile belonging to the user. Other **bio - informatic** values of the user are determined, modifying the transaction accordingly. These comprise rise and fall...

... probability or risk to the user, associated with or developing from the state on a **genetic** basis. The **bio - informatic** value is computed by a server in a network. It is stored in a confidential...

... remote transactions with the user over the network, enabling medical service to the user. The **bio - informatic** value is allocated to another user. Transaction takes place separately with both users in accordance with the **bio - informatic** value on a confidential and non-discriminatory basis (plural utility). An authentic **bio - informatic** value is produced by a portable user device. The transaction updates a user account, accessible...  
... Title Terms: **GENETIC** ;

2/3,K/3 (Item 3 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

Search Report from Ginger R. DeMille

013718534

WPI Acc No: 2001-202764/200120

XRAM Acc No: C01-060201

Recombinant DNA comprising the green fluorescent protein gene, useful e.g. to determine colonization capacity of bacteria, includes the mal operon of *Streptococcus pneumoniae*

Patent Assignee: CONSEJO SUPERIOR INVESTIGACIONES CIENTIF (CNSJ )

Inventor: ACEBO PAIS P; CORRALES GONZALEZ M D L A; ESPINOSA PADRON M;

FERNANDEZ DE PALENCIA P ; LOPEZ GARCIA P; NIETO MAZARRON C

Number of Countries: 091 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200111008	A2	20010215	WO 2000ES305	A	20000804	200120 B
AU 200064445	A	20010305	AU 200064445	A	20000804	200130
ES 2166671	A1	20020416	ES 991813	A	19990806	200231
ES 2182628	A1	20030301	ES 991813	A	19990806	200327
			ES 2000518	A	20000303	
ES 2184568	A1	20030401	ES 991813	A	19990806	200332
			ES 20002000	A	20000804	
ES 2166671	B1	20030716	ES 991813	A	19990806	200356

Priority Applications (No Type Date): ES 2000244 A 20000204; ES 991813 A 19990806; ES 2000518 A 20000303; ES 20002000 A 20000804

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 200111008 A2 S 34 C12N-000/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW  
AU 200064445 A C12N-000/00 Based on patent WO 200111008  
ES 2166671 A1 C12N-015/12  
ES 2182628 A1 C12N-015/72 Div ex application ES 991813  
ES 2184568 A1 C12N-015/74 Div ex application ES 991813  
ES 2166671 B1 C12N-015/12

Recombinant DNA comprising the green fluorescent protein gene, useful e.g. to determine colonization capacity of bacteria...  
...Inventor: FERNANDEZ DE PALENCIA P

Abstract (Basic):

... Recombinant DNA (I) comprising the sequence of the gfp gene (encoding green fluorescent protein, GFP) and the...

...Title Terms: DNA ;

2/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

012854204 \*\*Image available\*\*

WPI Acc No: 2000-026036/200003

XRAM Acc No: C00-014145

Use of triflusal and HTB to inhibit activation of NF-kappaB for, e.g. treating or preventing inflammation and asthma - for inhibiting nuclear transcription factor

Patent Assignee: URIACH & CIA SA J (URIA-N); CAVALCANTI DE MARIA F (DMAR-I); FERNANDEZ DE ARRIBA A (DARR-I); FORN DALMAU J (DALM-I); GARCIA RAFANELLA J (RAFA-I); MERLOS ROCA M (ROCA-I); MIRALLES ACOSTA A (ACOS-I); SANCHEZ

Search Report from Ginger R. DeMille

CRESPO M (CRES-I)

Inventor: ACOSTA A M; CRESPO M S; DALMAU J F; DE ARRIBA A F; DE MARIA F C; RAFANELL J G; ROCA M M; CAVALCANTI DE MARIA F; FERNANDEZ DE ARRIBA A; FORN DALMAU J; GARCIA RAFANELL J; MERLOS ROCA M; MIRALLES ACOSTA A; SANCHEZ CRESPO M

Number of Countries: 085 Number of Patents: 015

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
ES 2136581	A1	19991116	ES 981154	A	19980527	200003	B
WO 9961030	A1	19991202	WO 99ES154	A	19990526	200005	
AU 9938286	A	19991213	AU 9938286	A	19990526	200020	
ES 2136581	B1	20000916	ES 981154	A	19980527	200054	
NO 200005981	A	20001212	WO 99ES154	A	19990526	200112	
			NO 20005981	A	20001127		
BR 9911598	A	20010213	BR 9911598	A	19990526	200114	
			WO 99ES154	A	19990526		
EP 1082962	A1	20010314	EP 99920872	A	19990526	200116	
			WO 99ES154	A	19990526		
KR 2001052404	A	20010625	KR 2000713316	A	20001127	200173	
JP 2002516283	W	20020604	WO 99ES154	A	19990526	200239	
			JP 2000550490	A	19990526		
US 6414025	B1	20020702	WO 99ES154	A	19990526	200248	
			US 2001701270	A	20010220		
US 20030032630	A1	20030213	WO 99ES154	A	19990526	200314	
			US 2001701270	A	20010220		
			US 2002115140	A	20020404		
US 6509377	B1	20030121	WO 99ES154	A	19990526	200315	N
			US 2001701270	A	20010220		
			US 2002118160	A	20020409		
EP 1082962	B1	20030730	EP 99920872	A	19990526	200356	
			WO 99ES154	A	19990526		
US 6610745	B2	20030826	US 99701270	A	19990526	200357	
			WO 99ES154	A	19990526		
			US 2002115140	A	20020404		
MX 2000010955	A1	20020301	WO 99ES154	A	19990526	200362	
			MX 200010955	A	20001108		

Priority Applications (No Type Date): ES 981154 A 19980527; US 2002118160 A 20020409

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
ES 2136581	A1		1	A61K-031/60	
WO 9961030	A1	S	57		
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9938286	A			A61K-031/60	Based on patent WO 9961030
ES 2136581	B1			A61K-031/60	
NO 200005981	A			A61K-031/60	
BR 9911598	A			A61K-031/60	Based on patent WO 9961030
EP 1082962	A1	E		A61K-031/60	Based on patent WO 9961030
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT RO SE					
KR 2001052404	A			A61K-031/60	
JP 2002516283	W		55	A61K-031/60	Based on patent WO 9961030
US 6414025	B1			A61K-031/60	Based on patent WO 9961030
US 20030032630	A1			A61K-031/60	Cont of application WO 99ES154
					Cont of application US 2001701270

Search Report from Ginger R. DeMille

US 6509377	B1	A61K-031/60	Cont of patent US 6414025 Cont of application WO 99ES154 Cont of application US 2001701270 Cont of patent US 6414025
EP 1082962	B1 E	A61K-031/60	Based on patent WO 9961030 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT RO SE
US 6610745	B2	A61K-031/60	Cont of application US 99701270 Cont of application WO 99ES154 Cont of patent US 6414025
MX 2000010955	A1	A61K-031/60	Based on patent WO 9961030

...Inventor: **FERNANDEZ DE ARRIBA A**

Extension Abstract:

... extract was obtained by centrifugation for 30 minutes at 105000g. A 22 bp double chain **oligonucleotide** containing sequences of NF-kappaB and labeled on its terminal ((gamma-32P)ATP), was used...

...radioactively marked probe (2-6x10<sup>4</sup> cpm) in a reaction buffer (25 mul). The resulting nucleoprotein- **oligonucleotide** complexes were analyzed by electrophoresis. The results showed that triflusal and HTB inhibit activation of...

**2/3,K/5 (Item 5 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

011895567

WPI Acc No: 1998-312477/199827

XRAM Acc No: C98-096486

XRPX Acc No: N98-244860

New transgenic flowering plant - comprises AGL15 plant, used to extend longevity of cut flowers

Patent Assignee: WISCONSIN ALUMNI RES FOUND (WISC ); FERNANDEZ D E (FERN-I); HECK G R (HECK-I)

Inventor: **FERNANDEZ D E ; HECK G R; PARK C L**

Number of Countries: 080 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9822592	A1	19980528	WO 97US19109	A	19971021	199827	B
AU 9748263	A	19980610	AU 9748263	A	19971021	199843	
EP 950106	A1	19991020	EP 97911026	A	19971021	199948	
			WO 97US19109	A	19971021		
AU 715402	B	20000203	AU 9748263	A	19971021	200016	
US 6133435	A	20001017	US 9631205	A	19961121	200054	
			US 97904284	A	19970731		
MX 9904705	A1	19991101	MX 994705	A	19990520	200106	
NZ 335660	A	20010126	NZ 335660	A	19971021	200109	
			WO 97US19109	A	19971021		
JP 2001504346	W	20010403	WO 97US19109	A	19971021	200126	
			JP 98523657	A	19971021		

Priority Applications (No Type Date): US 97904284 A 19970731; US 9631205 P 19961121

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9822592	A1 E	37	C12N-015/29	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT

Search Report from Ginger R. DeMille

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZW  
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT  
KE LS LU MC MW NL OA PT SD SE SZ UG ZW  
AU 9748263 A C12N-015/29 Based on patent WO 9822592  
EP 950106 A1 E C12N-015/29 Based on patent WO 9822592  
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE  
AU 715402 B C12N-015/29 Previous Publ. patent AU 9748263  
Based on patent WO 9822592  
US 6133435 A C12N-005/04 Provisional application US 9631205  
MX 9904705 A1 C12N-015/29  
NZ 335660 A C12N-015/82 Based on patent WO 9822592  
JP 2001504346 W 37 A01H-005/00 Based on patent WO 9822592

Inventor: FERNANDEZ D E ...

...Abstract (Basic): plant, or a seed or cell of a flowering plant,  
comprising in its genome a **genetic** construct comprising an AGL15  
sequence and a promoter, that promotes expression of the AGL15 sequence  
...

...promoter not being natively associated with the AGL15 sequence, is new.  
Also claimed is a **genetic** construct comprising an AGL15 sequence and  
a promoter that promotes expression of the sequence in...

2/3,K/6 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

06967798 \*\*Image available\*\*  
BIOLOGICAL INFORMATION TRANSACTION METHOD

PUB. NO.: 2001-195367 [JP 2001195367 A]  
PUBLISHED: July 19, 2001 (20010719)  
INVENTOR(s): FERNANDEZ DENNIS S  
APPLICANT(s): FERNANDEZ DENNIS S  
APPL. NO.: 2000-336405 [JP 2000336405]  
FILED: November 02, 2000 (20001102)  
PRIORITY: 99 435504 [US 99435504], US (United States of America),  
November 06, 1999 (19991106)

INVENTOR(s): FERNANDEZ DENNIS S

ABSTRACT

... and.. to execute an on-line service corresponding to the user medical  
treatment of a **genetic** base or a risk decided from it in a secure network  
transaction system.

SOLUTION: Insurance contracts, sales promotion proposals or the other  
services dynamically fetch **genetic** base conditions. For biological  
information data, users are classified by individual masks and they are...

... gene arrays. A risk profile is calculated corresponding to insurance  
statistics, genetics and/or a **genetic** trait timewise or by using a  
non-section method specified to the user in a control group. For a user  
transaction, the increase or decrease of the risk of the **genetic** base is  
changeable corresponding to the biological information data. Data are  
safely processed, modulated and...

Search Report from Ginger R. DeMille

2/3,K/7 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

7540805 INSPEC Abstract Number: B2003-04-1310-006

**Title: Efficient design of H-plane structures through the combination of the finite element method and genetic algorithms**

Author(s): Gines, A.M.; Roman, L.V.S.; Fernandez del Rio, J.E.

Author Affiliation: Dept. of Electron. & Circuit Theor., Univ. Europea de Madrid, Spain

Conference Title: IEEE Antennas and Propagation Society International Symposium (IEEE Cat. No.02CH37313) Part vol.4 p.706-9 vol.4

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2002 Country of Publication: USA 4 vol. (x+3440) pp.

ISBN: 0 7803 7330 8 Material Identity Number: XX-2002-02092

U.S. Copyright Clearance Center Code: 0-7803-7330-8/02/\$17.00

Conference Title: IEEE Antennas and Propagation Society International Symposium

Conference Date: 16-21 June 2002 Conference Location: San Antonio, TX, USA

Language: English

Subfile: B

Copyright 2003, IEE

**Title: Efficient design of H-plane structures through the combination of the finite element method and genetic algorithms**

Author(s): Gines, A.M.; Roman, L.V.S.; Fernandez del Rio, J.E.

...Abstract: the finite element method to analyze H-plane structures with an optimization tool based on **genetic** algorithms. The design method has been used with several configurations of H-plane waveguide bends...

...Descriptors: **genetic** algorithms

...Identifiers: **genetic** algorithms

2/3,K/8 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6735729 INSPEC Abstract Number: C2000-11-7330-287

**Title: Multipopulation genetic programming applied to burn diagnosing**

Author(s): Fernandez de Vega, F. ; Roa, L.M.; Tomassini, M.; Sanchez, J.M.

Conference Title: Proceedings of the 2000 Congress on Evolutionary Computation. CEC00 (Cat. No.00TH8512) Part vol.2 p.1292-6 vol.2

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2000 Country of Publication: USA 2 vol. xxvi+1584 pp.

ISBN: 0 7803 6375 2 Material Identity Number: XX-2000-02154

U.S. Copyright Clearance Center Code: 0 7803 6375 2/2000/\$10.00

Conference Title: Proceedings of 2000 Congress on Evolutionary Computation

Conference Sponsor: IEEE Neural Network Council (NNC); Evolutionary Programming Soc. (EPS); IEE; Parallel Problem Solving from Nature (PPSN); EvoNet; Evolution Artificielle; ANTS: Int. Workshp on Ant Algorithms; Asia-Pacific Conferences on Simulated Evolution & Learning (SEAL)

Conference Date: 16-19 July 2000 Conference Location: La Jolla, CA, USA

Language: English

Search Report from Ginger R. DeMille

Subfile: C  
Copyright 2000, IEE

**Title:** Multipopulation genetic programming applied to burn diagnosing  
**Author(s):** Fernandez de Vega, F.; Roa, L.M.; Tomassini, M.; Sanchez, J.M.

**Abstract:** Genetic programming (GP) has proved useful in optimization problems. The way of representing individuals in this...

... difficult task even for specialists. A learning classifier system is developed by means of multipopulation genetic programming (MGP). It uses a set of parameters, obtained by specialist doctors, to predict the...

**Identifiers:** multipopulation genetic programming...

**2/3,K/9 (Item 1 from file: 65)**

DIALOG(R)File 65:Inside Conferences  
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

04643894 INSIDE CONFERENCE ITEM ID: CN048525908

**INTELLECTUAL PROPERTY STRATEGY IN BIOINFORMATICS AND BIOCHIPS**

Fernandez, D.; Chow, M.

CONFERENCE: Biotechnology in the 21st century-Symposium

SANTA CLARA COMPUTER AND HIGH TECHNOLOGY LAW JOURNAL, 2003; VOL 19; NO 2  
P: 491-498

Santa Clara University School of Law, 2003

LANGUAGE: English DOCUMENT TYPE: Conference Selected papers

CONFERENCE EDITOR(S): Chen, D.; Ruiz, R.

CONFERENCE SPONSOR: Santa Clara University 2003; Feb (200302) (200302)

**INTELLECTUAL PROPERTY STRATEGY IN BIOINFORMATICS AND BIOCHIPS**

Fernandez, D.; Chow, M.

**2/3,K/10 (Item 2 from file: 65)**

DIALOG(R)File 65:Inside Conferences  
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

03766173 INSIDE CONFERENCE ITEM ID: CN039592009

**A System Based On Genetic Algorithms For Improving The Digital Systems Representation**

Gomez Pulido, J. A.; Sanchez Perez, J. M.; Fernandez de Vega, F.

CONFERENCE: Systemics, cybernetics and informatics; World multiconference on systemics, cybernetics and informatics-World multiconference SCI AND ISAS -INTERNATIONAL CONFERENCE-, 1999; VOL 3 P: 438-443

International Institute of Informatics and Systemics, 1999

LANGUAGE: English DOCUMENT TYPE: Conference Papers

CONFERENCE EDITOR(S): Callaos, N.

CONFERENCE SPONSOR: International Institute of Informatics and Systemics

CONFERENCE LOCATION: Orlando, FL 1999; Jul (199907) (199907)

NOTE:

Held jointly with ISAS '99 the 5th international conference on information systems, analysis and synthesis. Also known as SCI '99

**A System Based On Genetic Algorithms For Improving The Digital Systems Representation**

Gomez Pulido, J. A.; Sanchez Perez, J. M.; Fernandez de Vega, F.

Search Report from Ginger R. DeMille

2/3,K/11 (Item 3 from file: 65)  
DIALOG(R) File 65:Inside Conferences  
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

02917148 INSIDE CONFERENCE ITEM ID: CN030746544  
**Dynamic Control by Recurrent Neural Networks through Genetic Algorithms**  
Kumagai, T.; Wada, M.; Hashimoto, R.; Utsugi, A.  
CONFERENCE: Engineering applications of neural networks: Neural networks  
in process control-International conference  
INTERNATIONAL JOURNAL OF ADAPTIVE CONTROL AND SIGNAL PROCESSING , 1999;  
VOL 13; NUMBER 4 P: 261-272  
Wiley, 1999  
ISSN: 0890-6327  
LANGUAGE: English DOCUMENT TYPE: Conference Selected papers  
CONFERENCE EDITOR(S): Fernandez de Canete, J. ; Zufiria, P. J.;  
Bulsari, A. B.  
CONFERENCE LOCATION: Stockholm  
CONFERENCE DATE: Jun 1997 (199706) (199706)  
NOTE:  
Also known as EANN'97. Also contains papers from EANN'98

**Dynamic Control by Recurrent Neural Networks through Genetic Algorithms**  
CONFERENCE EDITOR(S): Fernandez de Canete, J. ; Zufiria, P. J.;  
Bulsari, A. B.

2/3,K/12 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.  
  
01113576  
**UTILIZATION OF 2-HYDROXY-4-TRIFLUOROMETHYLBENZOIC ACID DERIVATIVES AS  
INHIBITORS OF THE ACTIVATION OF THE NUCLEAR TRANSCRIPTION FACTORS  
NF-(K)B**  
**VERWENDUNG VON DERIVATEN DER 2-HYDROXY-4-TRIFLUORMETHYLBENZOIC SAURE ALS  
HEMMER DER AKTIVIERUNG DES NUKLEARISCHEN TRANSKRIPTIOMNSFAKTORS NF-(K)B**  
**UTILISATION DE DERIVES DE L'ACIDE 2-HYDROXY-4-TRIFLUOROMETHYLBENZOIQUE  
PERMETTANT D'INHIBER L'ACTIVATION DU FACTEUR DE TRANSCRIPTION NUCLEAIRE  
NF-(K)B**  
PATENT ASSIGNEE:  
J. Uriach & Cia. S.A., (1001491), Av. Cami Reial 51-57, 08184  
Palau-solita i Plegamans (Barcelona), (ES), (Proprietor designated  
states: all)  
INVENTOR:  
MERLOS ROCA, Manuel, Calle Copernico, 15, E-08021 Barcelona, (ES)  
**FERNANDEZ DE ARRIBA, Alberto**, Calle Secretari Coloma, 12 bis, E-08025  
Barcelona, (ES)  
CAVALCANTI DE MARIA, Fernando, Calle Sibelius, 9, E-08026 Barcelona, (ES)  
MIRALLES ACOSTA, Agusti, Calle Conestable de Portugal, 19, E-08400  
Granollers, (ES)  
SANCHEZ CRESPO, Mariano, Calle Manuel Mucientes, 1, E-47008 Valladolid,  
(ES)  
GARCIA RAFANELL, Julian, Calle Margenat 1-3, E-08017 Barcelona, (ES)  
FORN DALMAU, Javier, Paseo de Los Tilos, 25, E-08034 Barcelona, (ES)  
LEGAL REPRESENTATIVE:  
Zumstein, Fritz, Dr. et al (13569), Zumstein & Klingseisen Patentanwalte  
Brauhausstrasse 4, 80331 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 1082962 A1 010314 (Basic)  
EP 1082962 B1 030730  
WO 99061030 991202

Search Report from Ginger R. DeMille

APPLICATION (CC, No, Date): EP 99920872 990526; WO 99ES154 990526  
PRIORITY (CC, No, Date): ES 981154 980527  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: RO

RELATED DIVISIONAL NUMBER(S) - PN (AN):  
(EP 2003012255)

INTERNATIONAL PATENT CLASS: A61K-031/60; A61K-031/616; A61P-011/06;  
A61P-031/12; A61P-031/00; A61P-035/00; A61P-019/02; A61P-017/06;  
A61P-019/10; A61P-029/00; A61P-037/06

ABSTRACT WORD COUNT: 70

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication, Procedural, Application): English; English;  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200111	1078
CLAIMS B	(English)	200331	331
CLAIMS B	(German)	200331	339
CLAIMS B	(French)	200331	409
SPEC A	(English)	200111	10067
SPEC B	(English)	200331	7494
Total word count - document A			11147
Total word count - document B			8573
Total word count - documents A + B			19720

INVENTOR:

... ES)

FERNANDEZ DE ARRIBA, Alberto ...

...SPECIFICATION stimulus, it becomes activated and is then translocated to the nucleus, where it binds to DNA and regulates the transcription of various genes. The activation of NF-(kappa)B can be...

...mentioned above, NF-(kappa)B is an ubiquitous transcription factor that acts by binding to DNA, activating in this manner the expression of various genes, many of them involved in ...pairs

PBS: phosphate-buffered saline

RT-PCR: reverse transcriptase polymerase chain reaction

dNTP: deoxyribonucleoside triphosphate

DNA : deoxyribonucleic acid

RNA: ribonucleic acid

MTT: thiazolyl blue

TBS: Tris-buffered saline

ATP: adenosyl triphosphate...

...Optima T1 ultracentrifuge (Beckmann) using a TLA 100.2 rotor. A 22 bp double-stranded oligonucleotide containing NF-(kappa)B sequences was used as probe. This probe was end-labeled with ((gamma)-32)P)ATP using T4 polynucleotide kinase and was purified by minicolumn chromatography.

The (kappa)B sequence used was, 5'-AGTCAGGGAAATTCCCAGGC...

...of the purified nuclear protein was incubated for 20 minutes on ice with the radiolabeled oligonucleotide probe (2-6 x 10<sup>4</sup> cpm) in 25 (mu)l of reaction buffer consisting of...

...screen at -80 (degree)C and for 2 to 12 hours. The specificity of the DNA (probe)-protein complex was confirmed by competition of the 32)P-labeled probe with a...

...fold excess of unlabeled probe, which showed no presence of the labeled

Search Report from Ginger R. DeMille

probe in the **DNA**-protein complex (data not shown). The lane labeled as control corresponds to cells incubated for...After incubation, macrophages were washed twice with PBS and the degree of activation (binding to **DNA**) of the transcription factor NF-(kappa)B was determined using the EMSA assay, described in...

...After incubation, PBMCs were washed twice with PBS and the degree of activation (binding to **DNA**) of the transcription factor NF-(kappa)B was determined using the EMSA assay, described in...

...GCG), Madison, Wisconsin. Their sequences were 5'-TGTCACTGTAAGCTGCAAG-3' and 5'-TTCCAGCCTGGTTAAC-3', corresponding to **nucleotides** 1090-1108 and 1589-1572 (L. Osborn et al., Cell 1989, 59(6), 1203-1211...

...VCAM-1 cDNA was amplified by PCR in a reaction mixture containing 2 ( $\mu$ l **DNA**, 10 ( $\mu$ l H<sub>2</sub>O, 2.5 ( $\mu$ l buffer 10X, 0.75 ( $\mu$ l...

...25 ( $\mu$ l of each primer (sense and antisense) and 0.25 ( $\mu$ l Taq **DNA** polymerase 5 U/ml. A negative control using water was included in each PCR reaction...quantified. The molecular weight of the amplification products was determined from the electrophoretic migration of **DNA** size standards.

B. RESULTS

The results obtained in this experiment are shown in figure 4...

...SPECIFICATION stimulus, it becomes activated and is then translocated to the nucleus, where it binds to **DNA** and regulates the transcription of various genes. The activation of NF-(kappa)B can be...mentioned above, NF-(kappa)B is an ubiquitous transcription factor that acts by binding to **DNA**, activating in this manner the expression of various genes, many of them involved in the...pairs

PBS: phosphate-buffered saline

RT-PCR: reverse transcriptase polymerase chain reaction

dNTP: deoxyribonucleoside triphosphate

**DNA**: deoxyribonucleic acid

RNA: ribonucleic acid

MTT: thiazolyl blue

TBS: Tris-buffered saline

ATP: adenosyl triphosphate...

...Optima TI ultracentrifuge (Beckmann) using a TLA 100.2 rotor. A 22 bp double-stranded **oligonucleotide** containing NF-(kappa)B sequences was used as probe. This probe was end-labeled with (( $\gamma$ -32)P)ATP using T4 **polynucleotide** kinase and was purified by minicolumn chromatography.

The (kappa)B sequence used was, 5'-AGTCAGGGAAATTCCCAGGC...

...of the purified nuclear protein was incubated for 20 minutes on ice with the radiolabeled **oligonucleotide** probe (2-6 x 10<sup>4</sup> cpm) in 25 ( $\mu$ l of reaction buffer consisting of...

...100 mM NaCl, 1 mM EDTA, 1 mM DTT, 8% Ficoll and 4% glycerol.

Nucleoprotein- **oligonucleotide** complexes were resolved by electrophoresis in a nondenaturing polyacrylamide gel in Tris-borate/EDTA buffer...

...screen at -80 (degree)C and for 2 to 12 hours. The specificity of the **DNA** (probe)-protein complex was confirmed by competition of the 32)P-labeled probe with a...

...fold excess of unlabeled probe, which showed no presence of the labeled probe in the **DNA**-protein complex (data not shown). The lane labeled as

Search Report from Ginger R. DeMille

control corresponds to cells incubated for...After incubation, macrophages were washed twice with PBS and the degree of activation (binding to **DNA**) of the transcription factor NF-(kappa)B was determined using the EMSA assay, described in...

...After incubation, PBMCs were washed twice with PBS and the degree of activation (binding to **DNA**) of the transcription factor NF-(kappa)B was determined using the EMSA assay, described in...

...GCG), Madison, Wisconsin. Their sequences were 5'-TGTCACTGTAAGCTGCAAG-3' and 5'-TTCCAGCCTGGTTAAC-3', corresponding to **nucleotides** 1090-1108 and 1589-1572 (L. Osborn et al., Cell 1989, 59(6), 1203-1211...

...VCAM-1 cDNA was amplified by PCR in a reaction mixture containing 2 ( $\mu$ l **DNA**, 10 ( $\mu$ l H<sub>2</sub>O), 2.5 ( $\mu$ l buffer 10X, 0.75 ( $\mu$ l)...25 ( $\mu$ l) of each primer (sense and antisense) and 0.25 ( $\mu$ l) Taq **DNA** polymerase 5 U/ml. A negative control using water was included in each PCR reaction ...

...quantified. The molecular weight of the amplification products was determined from the electrophoretic migration of **DNA** size standards.

B. RESULTS

The results obtained in this experiment are shown in figure 4...

2/3,K/13 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00727583

Recombinant single chain Fv antibody fragment and its use in the immunopurification of the recombinant Hepatitis B Virus Surface Antigen  
Rekombinantes einkettiges Fv Antikörperfragment und dessen Verwendung zur Immunreinigung des rekombinanten Hepatitis B Virus Oberflächenantigens  
Fragment recombinant d'un anticorps Fv monovalent et son utilisation pour l'immunopurification de l'antigène de surface recombinant de virus de l'hépatite B.

PATENT ASSIGNEE:

CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, (1256830), 31 Street, 1/156 & 190, Cubanacan Playa, Havana, (CU), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Ayala Avila, Marta, Calle 186 No 3117 entre 31 y 33, Apto 3D, Playa, C. de la Habana, (CU)

Gavilondo Cowley, Jorge Victor, Calle G No. 460 entre 19 y 21,, Plaza de la Revolucion, C. de la Habana, (CU)

Fernandez de Cossio Dorta-Duque, Maria Elena , Ave. 31 no. 18207 entre 182 y 184, Apto 27 Piso 6, Playa, C. de la Habana, (CU)

Canaan-Haden Frias, Leonardo Miquel, Calle 186 No.3117 entre 31 y 33, Apto 3D, Playa, Ciudad de la Havana, (CU)

del Carmen Dominguez Horta, Maria, Calle 186 No.3115 entre 31 y 33, Apto 1H, Playa, Ciudad de la Habana, (CU)

LEGAL REPRESENTATIVE:

Smulders, Theodorus A.H.J., Ir. et al (21191), Vereenigde Oktrooibureaux Nieuwe Parklaan 97, NL-2587 BN 's-Gravenhage, (NL)

PATENT (CC, No, Kind, Date): EP 686696 A1 951213 (Basic)

APPLICATION (CC, No, Date): EP 95201535 950609;

PRIORITY (CC, No, Date): CU 7394 940609

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;

Search Report from Ginger R. DeMille

NL; PT; SE  
INTERNATIONAL PATENT CLASS: C12N-015/13; C07K-016/08; C07K-001/22;  
G01N-033/577;  
ABSTRACT WORD COUNT: 216

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	265
SPEC A	(English)	EPAB95	5405
Total word count - document A			5670
Total word count - document B			0
Total word count - documents A + B			5670

INVENTOR:

... CU)  
**Fernandez de Cossio Dorta-Duque, Maria Elena ...**

...ABSTRACT B virus surface antigen (HBsAg). Production of the scFv fragment in Escherichia coli using recombinant **DNA** technology. The scFv can substitute the mouse monoclonal antibody (MAb) CB-Hep.1 that is...

...a known production process of such antigen. The scFv antibody fragment is developed using recombinant **DNA** technology, by cloning and modifying the genes that code for the heavy and light chain...

...SPECIFICATION in particular with the development of a single chain Fv (scFv) antibody fragment using recombinant **DNA** technology and its use in the purification process of a recombinant Hepatitis B virus surface...

...make it superior as immunogen when compared to the vaccine "Engerix B", obtained by recombinant **DNA** technology in Saccharomyces cerevisiae, and marketed by the company SmithKline Beecham Biologicals.

The use of...

...in humans or in the production process of pharmaceuticals and vaccines.  
The development of recombinant **DNA** technology has allowed the production of Fab, Fv, and scFv antibody fragments in microorganisms (Pluckthun...).

...1991) report the immobilization in porous silica of an Fv antibody fragment produced by recombinant **DNA** technology, and its use in the purification of hen egg lysozyme, in comparison with the...to Consider in the Production and Testing of New Drugs and Biologicals Produced by Recombinant **DNA** Technology. Draft, 1985).

Due to the fact that it is produced in E. coli, the...  
...MAb CB-Hep.1 was extracted. This RNA was used as template for first strand **DNA** synthesis (cDNA), and with the latter the specific amplification reactions for the genes encoding the...

...Reaction technique (PCR, Oste, C. 1988. BioTechniques 6:162-167) and a set of synthetic **oligonucleotides**, as described previously (Ayala, M. et al. 1992. BioTechniques 13:790-799).

The amplified VH and VL regions were subcloned and sequenced to obtain the consensus **nucleotide** sequence. From such sequences, new synthetic **oligonucleotides** were designed in order to construct the scFv, with the order VH-Linker-VL. The...cDNA synthesis.-

The RNA was used as template for the synthesis of first-strand complementary **DNA** (cDNA), using different **deoxynucleotides**, oligo dT as primer and reverse transcriptase (Gavilondo J.V. et. al. 1990. Hybridoma 9...).

Search Report from Ginger R. DeMille

...encoding genes of CB-Hep.1, from leader (signal peptide) to CH1 or Ck. Synthetic **oligonucleotides** were designed according to available databases on immunoglobulin variable region base sequences. PCR conditions were...

...least five clones for each domain (VH and VL) were selected for sequencing.

Procedure (e). **Nucleotide** sequence of the genes that encode for the VH and VL regions of MAb CB...

...cloning of the scFv gene insert in an expression vector. Table II describes the synthetic **oligonucleotides** used for the PCR amplification, designed on the basis of the exact sequence of VH...

...VL modified regions were purified, digested with BamHI and ligated in equivalent proportions using T4 **DNA** ligase (Molecular Cloning, A ... gene fragment of around 720 bp) was then submitted to a second PCR amplification with **oligonucleotides** 5 and 8 (Table II), in order to enrich the scFv material. The scFv was...

...inoculated in liquid medium and submitted to a process for the extraction of the plasmid **DNA** (Molecular Cloning, A Laboratory Manual, second edition, 1989, by Sambrook, Fritsch and Maniatis). The plasmid **DNA** was then digested with the endonucleases EcoRI and EcoRV, and then applied to an agarose...to Consider in the Production and Testing of New Drugs and Biologicals Produced by Recombinant **DNA** Technology. Draft, 1985.

20. Pluckthun, A. 1991. Antibody engineering: advances from the use of E...

...CLAIMS scFv antibody fragment according to claim 1, comprising providing a recombinant nucleic acid containing a **nucleotide** sequence coding for said scFv antibody fragment and regulatory sequences allowing expression of said scFv...

2/3,K/14      (Item 1 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00926789      \*\*Image available\*\*

MICROFLUIDIC DEVICES FOR INTRODUCING AND DISPENSING FLUIDS FROM MICROFLUIDIC SYSTEMS

DISPOSITIFS MICROFLUIDIQUES PERMETTANT L'INTRODUCTION ET LA LIBERATION DE LIQUIDES A PARTIR DE SYSTEMES MICROFLUIDIQUES

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Search Report from Ginger R. DeMille

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200260582 A2-A3 20020808 (WO 0260582)

Application: WO 2001US45256 20011116 (PCT/WO US0145256)

Priority Application: US 2000249230 20001116

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GO GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 24503

Patent Applicant/Inventor:

... Designated only for: US)

**FERNANDEZ** Dave ...

Fulltext Availability:

Detailed Description

Detailed Description

... devices have been demonstrated to be useful in combinatorial  
synthesis, and sorting minute particles, cells, **oligonucleotides**,  
peptides, and other detectable molecules.

However, one problem that remains is introduction of samples into...

**2/3,K/15 (Item 2 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00778660 \*\*Image available\*\*

**PROCESS FOR OBTAINING AND DETECTING GRAM-POSITIVE FLUORESCENT BACTERIA**  
**METHODE D'OBTENTION ET DE DETECTION DE BACTERIES GRAM POSITIF FLUORESCENTES**  
**PROCEDIMIENTO DE OBTENCION Y DETECCION DE BACTERIAS GRAM-POSITIVAS**  
**FLUORESCENTES**

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for: US)

Search Report from Ginger R. DeMille

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Legal Representative:

OJEDA GARCIA Pedro (agent), C/ Serrano, 113, E-28006 Madrid, ES, Patent and Priority Information (Country, Number, Date):

Patent: WO 200111008 A2-A3 20010215 (WO 0111008)

Application: WO 2000ES305 20000804 (PCT/WO ES0000305)

Priority Application: ES 991813 19990806; ES 2000244 20000204

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: Spanish

Filing Language: Spanish

Fulltext Word Count: 8784

Patent Applicant/Inventor:

... Designated only for: US)

**FERNANDEZ DE PALENCIA Pilar** ...

Fulltext Availability:

Detailed Description

Detailed Description

... la manipulacion de la expresion genetica de Streptococcus spieumotiae, aunque esta bacteria es capaz de incorporar DNA de forma natural y su genoma ha sido totalmente secuenciado. La mayoria de estos vectores...0,8 kb incluyendo el gen Jp, fue purificado, ligado al plasmido pLS70 utilizando la DNA ligasa del colifago T4 y dicha mezcla de ligacion fue utilizada para transformar S. ptieiniotiae  
...

...8 kb incluyendo el gen Jp, fue purificado, ligado al plasmido pLS69 linearizado utilizando la DNA figasa del colifago T4 y dicha mezcla de ligacion se utilizo para transformar S. pizeziniotii...

...por digeston con la nucleasa Mung bean y polimerizacion con el fragmento Klenow de la DNA polimerasa 1 de E. coli(inverted exclamation mark)

(fragmento Klenow)

El plasmido pJS3 [Figura 1...

...dicho gen por la tecnica de la reaccion de polimerizacion en cadena (PCR)

utilizando la DNA polimerasa Dynazyme y empleando como substratos: DNA

cromosomico y los oligonucleotidos mall (5'-CGAGCACGAGCATCTGCATCTGG-Y) y mal2 (5'-GCGGTGAAACGTTCTTGAAGTCG-')). El fragmento amplificado de 2,0 kb fue posteriormente secuenciado. Los datos de secuencia de DNA (SEQ ID NO: 1) mostraron que la insercion cromosomica contiene un gen Jp y un...

...a la estirpe MG1363 de este microorganismo los plasmidos pLS70GFP y pLS69GFP por electroporacion, utilizando DNA plasmidico obtenido de las estirpes R61[pLS70GFP] y T4[pLS69GFP] y seleccionando los transformantes

Search Report from Ginger R. DeMille

por...pMV158 [Lacks y cols. (1986) J. Mol. Biol. 192:753765] se clono un fragmento de **DNA** que incluye las secuencias de los promotores Px y Pm, y bajo el control de...

...region que incluye los promotores Pm y Px por la tecnica de PCR utilizando la **DNA**

polimerasa Pfu y empleando como substratos: **DNA** del plasmido pLS70 y los oligonucleotidos mal3 (5'-GCAGAATTCAAGTTTATTGATAAGGAAAC-3') y mal4 (5'-CGCGGATCCATCTCTAGAGTATTTGCAGACGCAAACG-3...)

...CECT n' 5157. El plasmido pLSIGFP fue transferido a L. lactis MG1363 por electroporacion con **DNA** plasmidico obtenido de la estirpe C600[pLS1GFPI y seleccion para resistencia a eritromicina. El contenido...estirpe Rcl9. Para ello se amplifico dicho gen por la tecnica de PCR utilizando la **DNA** polimerasa Dynazyme y empleando como substratos.

**DNA** cromosomico y los oligonucleotidos malr1 (5ACGCAGAATTGCCGGTTACGATTAAAGACGTG Y) y malr2 (5' ACGTCAAGCTTTATTTGATAATTTGTGGC 3')3 que contienen...

...HinallII. El fragmento amplificado de 1010 pb fue posteriormente secuenciado. Los datos de secuencia de **DNA** (SEQ ID NO:2) mostraron que la proteina MaIR, codificada por la lo estirpe Rcl9...

...delecion de 4 aminoacidos en una region de la proteina supuestamente implicada en union a **DNA**, condicion necesaria para llevar a cabo su funcion represora.

El plasmido pLS70GFP, obtenido de la...  
...5159.

El inserto niaIM-.:gfpcal fue transferido a la estirpe Rcl9 por transformacion cromosomica utilizando **DNA** genomico de la estirpe R6] maIM.:(inverted question mark)ffpcat y seleccion para resistencia a...de restriccion SalI y los extremos 5' protuberantes rellenosados con el fragmento Klenow de la **DNA** polimerasa 1 de Escherichia cofi. Este **DNA** plasmidico fue posteriormente digerido con EcoRI y uno de w0 0111 1 008 PCUES00/00305...

...de restriccion HindIII y los extremos 5' protuberantes rellenosados con el fragmento Klenow de la **DNA** polimerasa 1 de Escherichia cofi. Este **DNA** plasmidico fue posteriormente digerido con EcoRI y el fragmento mayor de 8,1 kb, despues de su purificacion, ligado al gen prp procedente de pJDC9GFP utilizando la **DNA** ligasa del colifago T4. Dicha mezcla de ligacion fue utilizada para transformar S.

ppiezimopiae. Los...

2/3,K/16 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00432128 \*\*Image available\*\*  
**AGL15 SEQUENCES IN TRANSGENIC PLANTS**  
**SEQUENCES AGL15 DE PLANTES TRANSGENIQUES**  
Patent Applicant/Assignee:  
WISCONSIN ALUMNI RESEARCH FOUNDATION,  
Inventor(s):

Search Report from Ginger R. DeMille

**FERNANDEZ Donna E ,**  
**HECK Gregory R**

Patent and Priority Information (Country, Number, Date):

Patent: WO 9822592 A1 19980528  
Application: WO 97US19109 19971021 (PCT/WO US9719109)  
Priority Application: US 9631205 19961121; US 97904284 19970731

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD  
TG

Publication Language: English  
Fulltext Word Count: 8599

Inventor(s):  
**FERNANDEZ Donna E ...**

Fulltext Availability:  
Detailed Description  
Claims

English Abstract  
A transgenic flowering plant exhibiting a novel phenotype contains in its genome a **genetic** construct in which an AGL15 sequence is placed under the control of a promoter that...  
...expressed in the plant, the promoter not being natively associated with the AGL15 sequence. A **genetic** construct that is useful for obtaining transgenic plants includes an AGL15 sequence under the control...

Detailed Description  
... THE INVENTION  
The present invention is a transgenic flowering plant comprising in its genome a **genetic** construct comprising an AGL15 (AGL for AGAMOUS-like) **DNA** sequence and a promoter, not natively associated with the AGL15 sequence, that promotes expression of...  
...is also a plant cell, derived from a flowering plant, comprising in its genome a **genetic** construct comprising an AGL15 **DNA** sequence and a promoter, not natively associated with the AGL15 sequence, that promotes gene expression...  
...invention is also a seed, derived from a flowering plant, comprising in its genome a **genetic** construct comprising an AGL15 **DNA** sequence and a promoter, not natively associated with the AGL15 sequence, that promotes gene expression in plants.  
The present invention is also a **genetic** construct comprising an AGL15 **DNA** sequence and a promoter, not natively associated with the AGL15 sequence, that promotes expression of...  
...seed from flowering plants.  
It is an object of the present invention to provide a **genetic** construct comprising an AGL15 sequence and a promoter, not natively associated with the AGL15 sequence...  
...OF THE SEVERAL VIEWS OF THE DRAWINGS

Search Report from Ginger R. DeMille

Fig. 1A is a schematic map of a **genetic** construct, designated DF164, which contains the cauliflower mosaic virus 35S promoter (35S), an Arabidopsis AGL15...

...direction in which the sequence is read.

Fig. 1B is a schematic map of a **genetic** construct, designated DF121, which contains the sequence of DF164 and three introns from a genomic Arabidopsis AGL15 gene that were introduced into DF164 by **genetic** engineering methods known in the art. The symbols and shadings are employed in Fig. 1A...of the present invention is a transgenic flowering plant that contains in its genome a **genetic** construct comprising an AGL15 **DNA** sequence and a promoter, not natively associated with the AGL15 sequence, which promotes expression of...

...As an example of the efficacy of this invention, transgenic Arabidopsis plants that contain a **genetic** construct comprising an AGL15 sequence under the control of the cauliflower mosaic virus 35S promoter...

...and one genomic sequence have been identified and characterized as described in the examples below. **DNA** sequence analysis revealed that these sequences are highly homologous to the Arabidopsis AGL15 gene.

Numerous...

...binds antibodies raised against an AGL15-specific polypeptide. By "11AGL15 sequence" it is meant a **DNA** sequence sufficiently homologous to SEQ ID NO:1 to exhibit AGL15 activity when expressed in...activity.

It is envisioned that minor sequence variations from SEQ ID NO:1 associated with **nucleotide** additions, deletions, and mutations, whether naturally occurring or introduced in vitro, will not affect AGL15...

...may be accomplished by ligating an AGL15-specific region of an AGL15 sequence to a **DNA** sequence that encodes a protein that lacks AGL15 activity, but which has domains that are...

...specific regions of an AGL15 sequence.

By an "AGL15-specific sequence", it is meant a **DNA** sequence that is common to all putative AGL15 sequences and which is distinct from sequences...

...an example of an AGL15-specific sequence. The present invention is also directed toward a **genetic** construct comprising an AGL15 **DNA** sequence and a promoter, not natively associated with the **DNA** sequence, which promotes expression of the AGL15 sequence in plants at levels sufficient to cause...

Search Report from Ginger R. DeMille

...in the plant into which the construct will be introduced may be used to create **genetic** constructs to be used in the practice of the present invention. These may include other...

...sequence that contains a complete ORF, as well as 5' and 3' UTRs. A suitable **genetic** construct may contain AGL15 cDNA or genomic sequences from other genera of plants. A suitable...

...gene as a selectable marker for selection of plants that have been transformed with the **genetic** construct. Numerous selectable markers, including antibiotic and herbicide resistance genes, are known in ...Expression vectors may be engineered to include screenable markers, such as beta-glucuronidase (GUS). The **genetic** constructs employed in the examples below were engineered using the plasmid vector pBI121 (Clontech). It...

...a plant and allow expression of an AGL15 sequence. We describe the creation of a **genetic** construct suitable for transformation using the Agrobacterium system.

However, any transformation system for obtaining transgenic...

...and the differential bands were visualized using autoradiography.

One amplification product, derived from the priming **oligonucleotides** 51-T12CG-31 and 51-GAGCTGAAC-3', was present only in samples from developing embryos...

...the cDNA product from the gel. The cDNA was ligated to pBluescript SK- (Stratagene) vector **DNA** that had been digested with EcoRV and tailed with a single thymidine residue using Taq...which is a highly conserved region of 55-60 amino acid residues that includes a **DNA** binding domain, a dimerization domain, and a putative phosphorylation site for calmodulin-dependent protein kinases...

...sequence was used to probe an Arabidopsis genomic library to identify a genomic clone.- The **DNA** sequence of the Arabidopsis genomic AGL15 sequence was determined and is shown in SEQ ID...16 amino acid residues not present in the Brassica protein.

Alignment and comparison of the **DNA** sequences in the C-terminal coding regions of the genes was performed after introducing a...

...exclusive of the fourbase insert. (Heck et al. Plant Cell 7:1271-1282, 1995).

Genomic **DNA** blot analysis and low-stringency hybridizations suggest that AGL15 represents a single locus in A...

...C-terminal region.

Generation of AGL Specific Antibodies

Search Report from Ginger R. DeMille

AGL15-specific antigen was obtained as follows.

Nucleotide sequences downstream of the MADS domain of the B.

napus AGL15-1 gene were amplified...

...transition

stage embryo cDNA library. The primers used in the amplification reaction were AGL15 specific oligonucleotides that were flanked by NcoI and BamHI restriction sites, and which incorporated a termination codon...AGL15 in plant development, transgenic plants in which AGL15 was overexpressed were created.

Generation of Genetic Constructs and Transformation of Plants  
Two constructs containing an AGL15 gene operably linked to a...

...functional in plants were created using the transformation vector pBI121 (Clontech). An AGL15 protein encoding DNA sequence (SEQ ID NO:1) was placed under the control of the cauliflower mosaic virus...base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: double  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: DNA (genomic)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4.

AAGCTTTGGT TGTACGGGTC AAAGTATTCTG TTCTGGGGTG GAGTTGGAGA AGCCTTCAGA 60...  
base pairs  
(B) TYPE: nucleic acid  
(C) STRANDEDNESS: double  
(D) TOPOLOGY: linear  
(ii) MOLECULE TYPE: DNA (genomic)  
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6.

ATCAACAATG CTAGTTGTTG CATTATTC TTGGGGTACT TTGAAATTGT TTCTAATTGT 60...

Claim

1 A transgenic flowering plant comprising in its genome a genetic construct comprising an AGL15 sequence and a promoter that promotes expression of the AGL15 sequence...

...A transgenic seed of a flowering plant, wherein the seed comprises in its genome a genetic construct comprising an AGL15 sequence and a promoter that promotes expression of the AGL15 sequence...

...plant cell of a flowering plant, wherein the plant cell comprises in its genome a genetic construct comprising an AGL15 sequence and a promoter that promotes expression of the AGL15 sequence...

...SEQ ID NO:1, a nopaline synthase terminator, and a kanamycin resistance marker.

10 A genetic construct comprising an AGL15 sequence and a promoter that promotes expression of the sequence in...  
...plants, the promoter that not being natively associated with is the AGL15 sequence.

Search Report from Ginger R. DeMille

11 The **genetic** construct of Claim 10, wherein the AGL 15 sequence is SEQ ID NO:1.

12 The **genetic** construct of Claim 10, wherein the promoter comprises the CaMV 35S promoter and the AGL15 sequence comprises SEQ ID NO:1.

13 The **genetic** construct of Claim 12 additionally comprising a nopaline synthase terminator and a kanamycin resistance marker...

2/3,K/17 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00315679

RECOMBINANT SINGLE CHAIN FV ANTIBODY FRAGMENT AND ITS USE IN THE IMMUNOPURIFICATION OF THE RECOMBINANT HEPATITIS B VIRUS SURFACE ANTIGEN FRAGMENT RECOMBINE D'ANTICORPS FV A CHAINE UNIQUE ET SON UTILISATION DANS L'IMMUNOPURIFICATION DE L'ANTIGENE DE SURFACE DU VIRUS DE L'HEPATITE B

Patent Applicant/Assignee:

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Inventor(s):

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GAVILONDO COWLEY Jorge Victor,  
**FERNANDEZ DE COSSIO DORTA-DUQUE Maria Elena**,  
CANAAN-HADEN FRIAS Leonrado Miguel,  
DOMINGUEZ HORTA Maria del Carmen

Patent and Priority Information (Country, Number, Date):

Patent: WO 9533832 A1 19951214

Application: WO 95NL206 19950609 (PCT/WO NL9500206)

Priority Application: CU 9473 19940609

Designated States: JP

Publication Language: English

Fulltext Word Count: 7927

Inventor(s):

... **FERNANDEZ DE COSSIO DORTA-DUQUE Maria Elena**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...B virus surface antigen (HBsAg). Production of the scFv fragment in Escherichia coli using recombinant DNA technology. The scFv can substitute the mouse monoclonal antibody (MAb) CB-Hep.1 that is...

...a known production process of such antigen. The scFv antibody fragment is developed using recombinant DNA technology, by cloning and modifying the genes that code for the heavy and light chain...

Detailed Description

... in particular with the development of a single chain Fv (scFv) antibody fragment using recombinant DNA technology and its use in the purification process of a recombinant Hepatitis B virus surface...

...make it superior as

Search Report from Ginger R. DeMille

immunogen when compared to the vaccine "Engerix B", obtained by recombinant **DNA** technology in *Saccharomyces cerevisiae*, and marketed by the company SmithKline Beecham Biologicals.

The use of...in humans or in the production process of pharmaceuticals and vaccines.

The development of recombinant **DNA** technology has allowed the production of Fab, Fv, and scFv antibody fragments in microorganisms (Pl...).

...1991) report the immobilization in porous silica of an Fv antibody fragment produced by recombinant **DNA** technology, and its use in the purification of hen egg lysozyme, in comparison with the...to

Consider in the Production and Testing of New Drugs and Biologicals Produced by Recombinant **DNA** Technology. Draft, 1985).

Due to the fact that it is produced in *E. coli*, the...MAb CB-Hep.1 was extracted. This RNA was used as template for first strand **DNA** synthesis (cDNA), and with the latter the specific amplification reactions for the genes encoding the...

...Reaction technique (PCR, Oste, C. 1988.

BioTechniques 6:162-167) and a set of synthetic **oligonucleotides**, as described previously (Ayala, M. et al. 1992.

BioTechniques 13:790-799).

The amplified VH and VL regions were subcloned and sequenced to obtain the consensus **nucleotide** sequence. From such sequences, new synthetic **oligonucleotides** were designed in order to construct the scFv, with the order VH-Linker-VL. The...cDNA synthesis. The RNA was used as template for the synthesis of first-strand complementary **DNA** (cDNA), Using different **deoxynucleotides**, oligo dT as primer and reverse transcriptase (Gavilondo J.V. et.

al. 1990. Hybridoma 9...).

...VL  
encoding genes of CB-Hep from leader (signal peptide) to CH1 or Ck. Synthetic **oligonucleotides** were designed according to available databases on immunoglobulin variable region base sequences. PCR conditions were...

...described elsewhere (Gavilondo J.V. et. al. 1990. Hybridoma 9:407-417).

---

Table I .- Synthetic **oligonucleotides** used for the specific PCR amplification of the genes coding for the VH and VL...least five clones for each domain (VH and VL) were selected for sequencing.

Procedure (e). **Nucleotide** sequence of the genes that encode for the VH and VL regions of MAb CB...cloning of the scFv gene insert in an expression vector. Table II describes the synthetic **oligonucleotides** used for the PCR amplification, designed on the basis of the exact sequence of VH and VL.

Search Report from Ginger R. DeMille

-----  
Table II. Synthetic **oligonucleotides** used in the first PCR reaction for the construction of the scFv gene.  
Heavy Chain...modified regions were purified, digested with BamHI and ligated in equivalent proportions using T4 **DNA** ligase (Molecular Cloning, A Laboratory Manual, second edition, 1989, by Sambrook, Fritsch and Maniatis). The...  
...gene fragment of around 720 bp) was then submitted to a second PCR amplification with **oligonucleotides** 5 and 8 (Table II), in order to enrich the scFv material.

The scFv was...

...inoculated in liquid medium and submitted to a process for the extraction of the plasmid **DNA** (Molecular Cloning, A Laboratory Manual, second edition, 1989, by Sambrook, Fritsch and Maniatis). The plasmid **DNA** was then digested with the endo nucleases EcoRI and EcoRV, and then applied to an...after solubilization  
NOTE: Arrow indicates the position of the 32-33 Kda scFv.

Table VI: **Nucleotide** and amino acid sequences of scFv  
gag gtg aag ctg gat gaa act gga gga...to Consider in the Production and Testing of New Drugs and Biologicals Produced by Recombinant **DNA** Technology. Draft, 1985.

20. Pliickthun, A. 1991. Antibody engineering: advances from the use of E...

...Enzymology. Vol 2. No pp 97  
SEQUENCE LISTING  
SEQ.ID.N@1: 1  
SEQUENCE TYPE: **Nucleotide** with the corresponding Amino acid  
SEQUENCE LENGTH: 387  
MOLECULE TYPE: Complementary **DNA**  
ORIGINAL SOURCE ORGANISM: Hybridoma cells secreting MAb CB-Hep.1  
EXPERIMENTAL SOURCE: E. coli transformed...

...T T L T V S S  
103 113  
SEQ.ID.N@: 2  
SEQUENCE TYPE: **Nucleotide** with the corresponding Amino acid  
SEQUENCE LENGTH: 399  
MOLECULE TYPE: Complementary **DNA**  
ORIGINAL SOURCE ORGANISM: Hybridoma cells secreting MAb CB-Hep.1  
EXPERIMENTAL SOURCE: E. coli transformed...

Claim

... scFv antibody fragment according to claim 1, comprising providing a recombinant nucleic acid containing a **nucleotide** sequence coding for said scFv antibody fragment and regulatory sequences allowing expression of said scFv...

?